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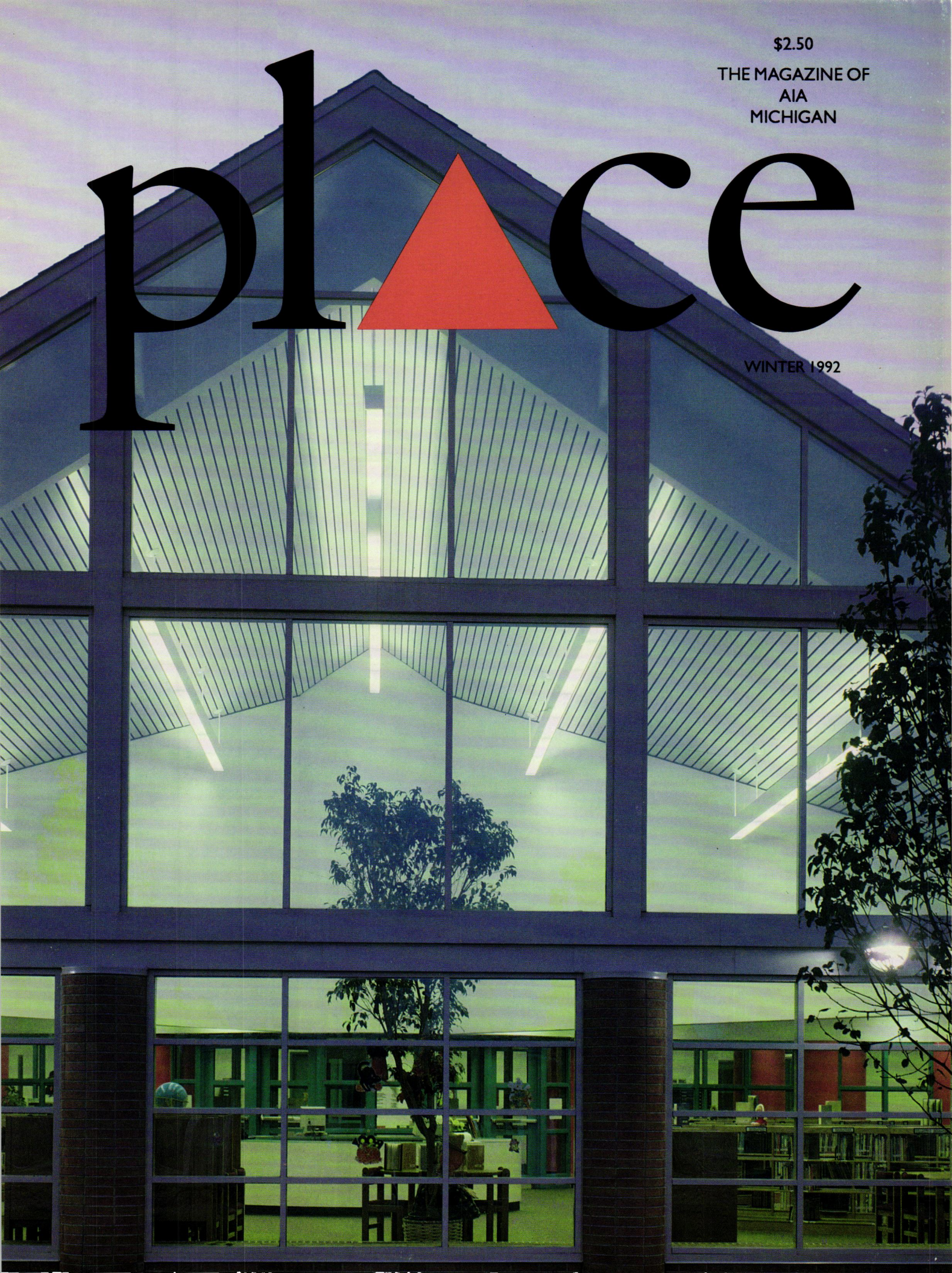
WINTER 1992



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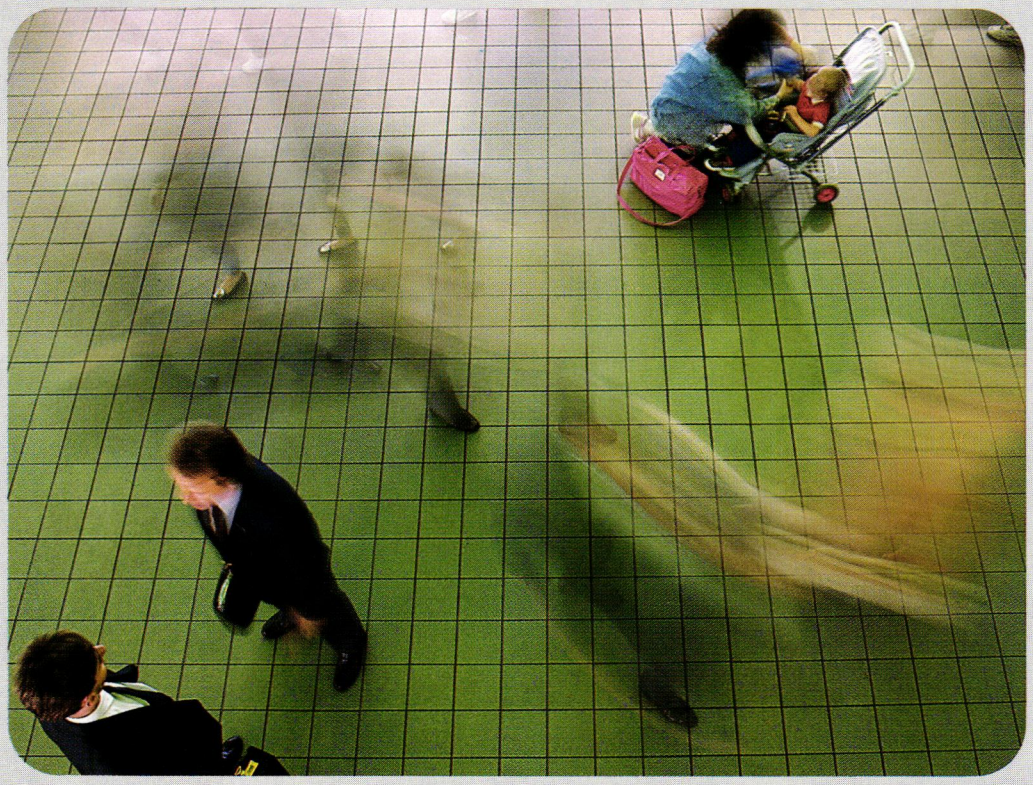

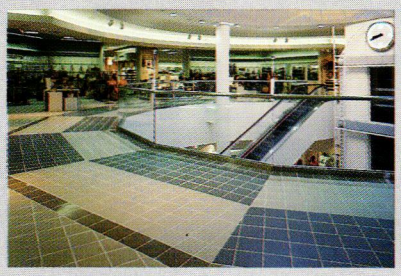

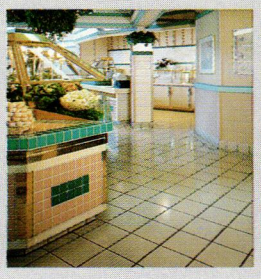

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Deerfield Elementary School's media center welcomes both students and natural light to enter.

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School Daze

There is so much rhetoric about "Quality Education" or "Educational Reform" these days that it is difficult to tell who cares about kids, and who is using this issue to try to save a few bucks in taxes. The political clumsiness, or is it political correctness, which surrounds the issue is surpassed only by the enormous misunderstanding of the task at hand. As contradictory as it may seem to some, and as obscure a concept as it may be to others, our job is to allocate our energies and our resources to something which isn't tangible, and isn't consumable. It doesn't even have a voting constituency.

You can't drive it, or wear it, or eat it, or even own it. It is investment - investment in the future, investment in the education of our children.

One thing is certain, and that is the commitment which the people of these school districts have made to the education of their children. This commitment by parents, educators and voters is for the future and is exemplified by the programs, opportunities and learning environments which they have provided for today's students. They have brought together technology, and the arts, and science and a healthy dose of the basics to provide the best education possible. Call it putting-your-money-where-your-mouth-is if you will, but if building roads and sewers and airports for our future is important, then building the minds, characters and self-images of our next generation is imperative; and building a learning environment which challenges, stimulates and nurtures the young mind is an essential part of the process.

This issue of Place features "Places to Learn" and we are proud to bring you these fine examples of school architecture. There is an excitement about these projects, a can-do feeling which not only illustrates the importance of their mission but also the signficance of the process. These are places where kids want to be, where learning is fun! It is obvious that there is pride in these schools - pride in the team effort that made them possible and pride in the children who attend them.

In a time of economic and political turmoil, the choice of where to invest for our future to insure the freedom, stability and prosperity for which we have worked so hard is a crucial one. But, the investment solution is simple: Buy an insurance policy by putting your time, money and effort into the education of your children, and your neighbor's children. But, turn off the TV first...it's like money in the bank. ▼

Tim Casai, AIA

Place Magazine
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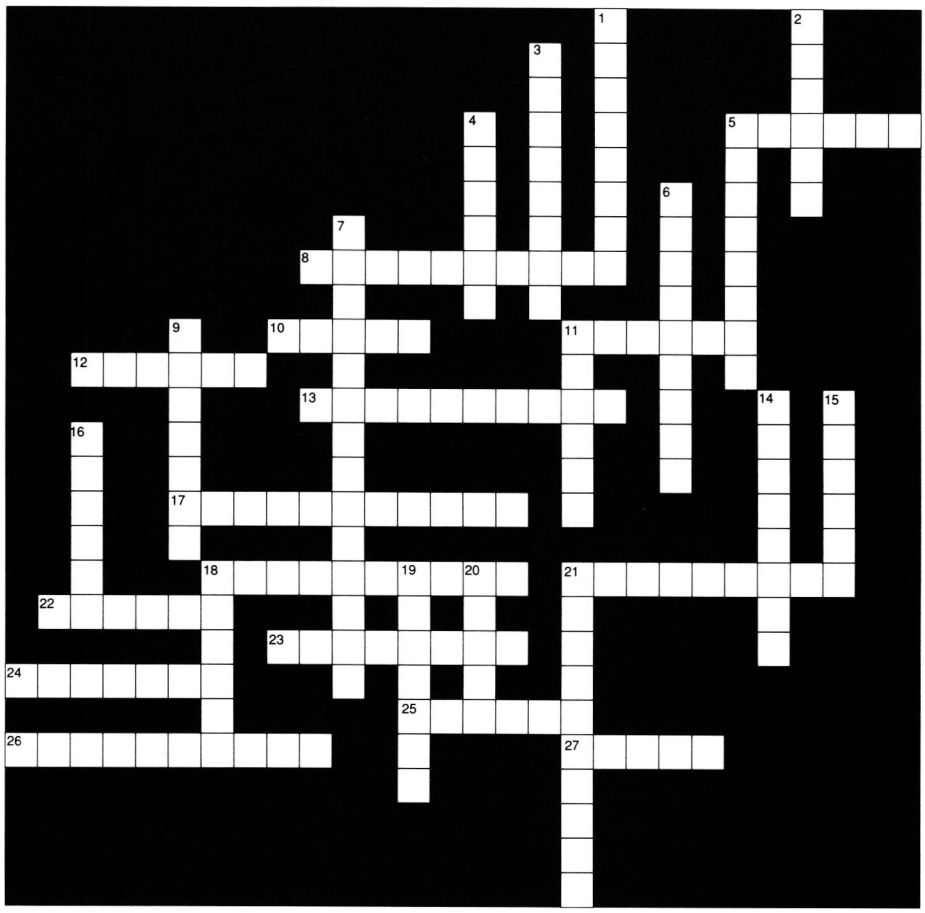
JARGON



So...you think that your knowledge of architectural terms (i.e. Jargon) is pretty good, huh? If so, try this crossword based on words and definitions from the Illustrated Dictionary of Historic Architecture.

The solution will be revealed in the next issue.

Across

5. A representation of a flat round or oval disk or medallion in bas-relief; used as an ornament in friezes.

8. The French royal lily, conventionalized as an ornament in Late Gothic architecture.

10. In medieval English architecture, chiefly residential and derivatives: (a) a bay window corbeled out from the wall of an upper story; (b) a projecting bay, forming the extension of a room; (c) a windowed bay or porch at the top of exterior stairs.

11. One of a band of small, square, tooth-like blocks forming part of the characteristic ornamentation of the Ionic, Corinthian, and Composite orders, and sometimes the Doric.

12. A sloping flat block on the soffit of the Doric cornice, usually decorated with rows of six guttae each; occurs over each triglyph and each metope of the frieze.

13. An egg-shaped ornament alternating with a dart-like ornament, used to enrich ovolo and echinus moldings and also on bands.

17. The selection of elements from diverse styles for architectural decorative designs, particularly during the second half of the 19th cent. in Europe and the U.S.A.

18. Descriptive of a capital of an Egyptian column having the form of a cluster of papyrus flowers.

21. Plaster work imitating stone, in which mixtures of marble dust, sizing, and various pigments are laid in decorative figures; designs may be routed into a surface.

22. In masonry, a projection or one of a series of projections, each stepped progressively farther forward with height; anchored in a wall, story, column, or chimney; used to support an overhanging member above or, if continuous, to support overhanging courses.

23. A festive decoration of pendant semi-loops with attachments and loose ends, esp. a swag of fabric, or representations of such decorations.

24. A mythological beast having a lion's body with an eagle's head and wings; used decoratively.

25. Flat or convex bandelets which are intertwined; esp. such interlacing ornamentation used to adorn moldings.

26. A protective plate surrounding the keyhole of a door; a door handle, etc.

27. The central post or column around which the steps of a circular staircase wind, and which provides support for the staircase.

Down

1. An ornament in the form of a band, a wreath, or a festoon of leaves, fruits, or flowers.

2. A secondary framing member to hold panes within a window, window wall, or glazed door.

3. A waterspout projecting from the roof gutter of a building, often carved grotesquely.

4. The exterior face of a building which is the architectural front, sometimes distinguished from the other faces by elaboration of architectural or ornamental details.

5. 1. An apex. 2. In Gothic architecture and derivatives, a small, largely ornamental body or shaft terminated by a pyramid or spire.

6. 1. Any facing of stone, metal or wood over a less attractive or less durable substance or construction. 2. A retaining wall or breast wall; a facing on an embankment to prevent erosion.

7. A characteristic feature of Gothic construction in which the lateral thrusts of a roof or vault are taken up by a bar of masonry, usually sloping, carried on an arch, and a solid pier sufficient to receive the thrust.

9. A small piece of glass or tile, usually square- or diamond-shaped; often set diagonally.

11. A structure projecting from a sloping roof usually housing a window or ventilating louver.

14. Ornamental openwork or interlaced work in relief, esp. when elaborate and minute in its parts and in patterns of contrasting light and dark.

15. 1. An arcaded or colonnaded structure, open on one or more sides, sometimes with an upper story. 2. An arcaded or colonnaded porch or gallery.

16. A style of architecture and decoration, primarily French in origin, which represents the final phase of the Baroque around the middle of the 18th cent.; characterized by profuse, often semiabstract ornamentation and lightness of color and weight.

18. A square or rectangular base for column, pilaster, or door framing.

19. A small pediment placed over a door, niche, porch, etc.

20. 1. In masonry, a row or course, as of stone. 2. A line of objects in direct succession.

21. Any building or flooring raised from the ground and supported on arches, piles or pillars; esp. applied to the flooring of an ancient Roman bath suspended over the flues of a furnace on low pillars so that steam may circulate freely under it.

MSA Name Change

Effective January 1, 1992, The Michigan Society of Architects will be named as follows:

AIA Michigan
A Society of The American Institute of Architects

The purpose in the name change is to respond to the recommendation from national AIA to have a unified graphic image and name that will enhance the strength and recognition of the AIA as a nationwide organization.

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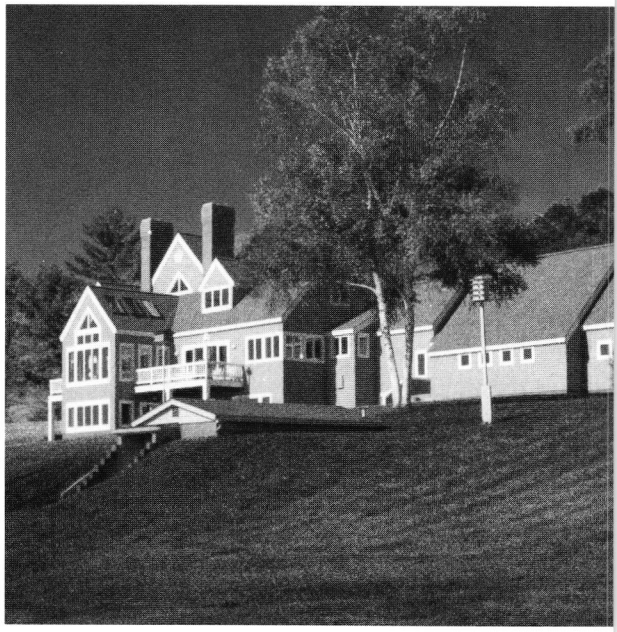
AIA Grand Valley, a Chapter of the American Institute of Architects has chosen the pages of Place to announce its award recipients in the 1992 Distinguished Building Program. This year, six buildings have been honored, covering a range of building types including schools, houses and recreation buildings. Together, the buildings are very much of their time, demonstrating concerns about both tradition and technology. Regardless of their style, however, they demonstrate that quality in design, attention to detail, and respect for the client are the hallmarks of conscientious architects. We are pleased to present these honorees, and congratulate their creators and owners.

Egypt Valley Country Club; Ada, Michigan
Design Plus, P.C., Grand Rapids, Michigan

The Egypt Valley Country Club is the result of the relocation of a long-established club to a new 360-acre site. The new clubhouse recalls the shingle style, the preferred style for recreation at the turn of the century. More than 36,000 square feet of programmed space was developed in the elegant, rambling building and the interior and exterior reflect the traditions of taste associated with the membership and the sport.

The Scarbrough Residence; Montabue, Michigan
Progressive Architecture Engineering Planning, Grand Rapids, Michigan

A small house designed to take advantage of its steeply sloped site in the dunes near Lake Michigan, the Scarbrough residence pays homage to its site through its linear organization parallel to the lakeshore; and its traditional use of wood as its primary structural and finish material.



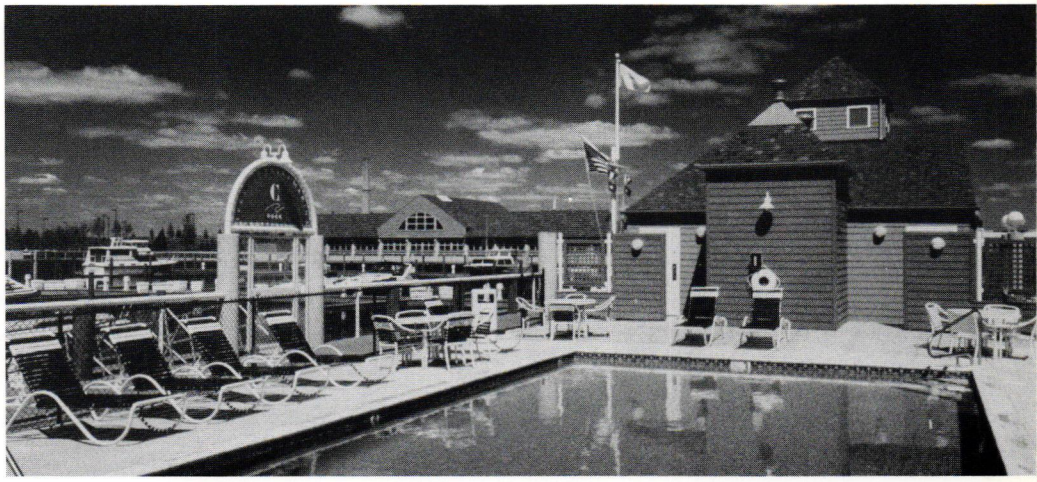
c h e s

Comstock Park Secondary School; Comstock Park, Michigan
The WBDC Group, Grand Rapids, Michigan

A handsome blending of old and new, this school building is a technological marvel that nonetheless respects nature and history. Featuring an up-to-the-minute installation of fiber-based technology that links voice, video and data systems throughout the building, the building also features a "forested path" that brings the natural features of the site indoors and incorporates the entry portal of the old neighborhood high school as an entry to the focal media center.

Holly Brook Farm; White Cloud, Michigan
Donald P. Fritz, Ada, Michigan

This large single-family residence sits on a 140-acre nature preserve and represents an embodiment of traditional family values through use of updated traditional architectural forms. Sited to require minimal adjustments to the natural roll of the property, the house combines formal bearing with casual rhythms that stem from repeating forms and changing scales.

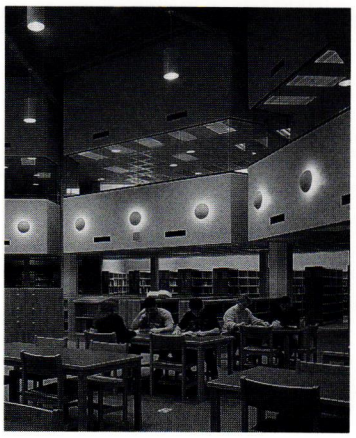


Terrace Point Development; Muskegon, Michigan
The WBDC Group, Grand Rapids, Michigan

This first phase of a planned mixed-use development consists of a marina, bath house and restaurant. These buildings have been conceived as part of a master plan that will include development of offices and condominiums. Borrowing from traditional nautical and resort themes, the architects used familiar materials like cedar shingles; a cool, deep-toned color palette; and decorative trellises to create a waterfront development that is both unified and flexible.

Hillside Elementary; Farmington Hills, Michigan
Greiner, Inc., Grand Rapids, Michigan

Designed to fit into a residential context, this large building uses its sloping site to adjust its scale. It features unusual fenestration intended to reflect the shuttered windows of the largely colonial neighbors. The interior is highlighted by major spaces with exposed structure, graphic acoustical treatments and an abundance of natural light. Hillside Elementary is a happy mating of simple forms and playful patterns. ▼



ACADEMIC ENHANCEMENT

The Penn-Harris-Madison School Corporation embarked upon an ambitious "Blueprint for Educational Excellence Program" through the renovation and expansion of their existing high school.

The new educational program for Penn High School will continually expand to take advantage of emerging technologies. Academic offerings include: vocational programs in robotics, laser technologies, fiber optics, genetics and plastics. A fully integrated telecommunications system utilizing voice-video and data via fiber optics, which is available in each classroom, can access on-site research data and provide satellite linkage to information sources throughout the country.

The soaring stairway connects three levels and provides broad views to the outside.

The challenge in designing this 460,000-square-foot school was to make a large space appear intimate rather than overwhelming. The building needed to have well-defined spaces so people would feel comfortable using the facility for multiple purposes.

A divisional approach to teaching allows the clustering of program areas. Clustering encourages interaction among related disciplines (i.e., math and science or English and performing arts). The building has the feel of a "village" comprised of discrete divisional elements, each with its own separate identity and character.

The Instructional Materials Center (library) is located at the center of the school, because knowledge is at the core of all education. Student traffic is routed around the library through a central circulation loop that ties academic divisions individually to this multi-use location. This high-tech library supports a computer voice-data video interface that provides access to other libraries, information networks, data exchanges and the Library of Congress.

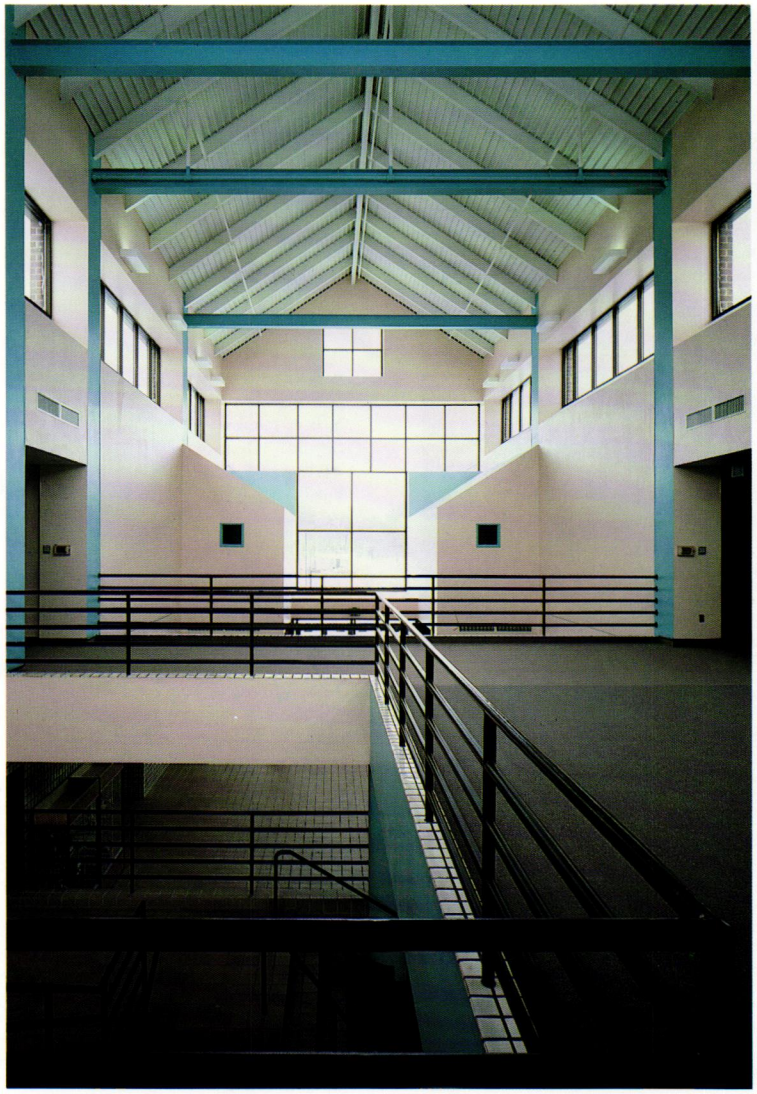
The strong geometry of the exterior is highlighted by limestone and granite accents.

The building image needed to have a timeless quality that supersedes the contemporary academic environment. Traditional building materials (brick, stone and glass) were utilized in a sophisticated and elegant form. Indiana limestone and granite were selected to accent the brick on the new exteriors and brought to the inside public spaces to merge the distinction between existing and new construction.

Two building areas that have clearly defined identities are the physical education areas and the performing arts center. Both include dramatic entrance lobbies. Like other divisions of the school, they have individual identities but are tied to the remaining areas of the school through carefully planned circulation patterns. Each of the divisions can function independently to host student and community activities during non-academic hours.

A new day care center adjoins the practical arts and vocational education wing. It

continues



The renovated main entrance is a large, two-story space with expanses of glass bringing natural light into the corridors.

The Instruction Materials Center features a dome skylight as the symbolic core of the school.

provides practical life skills experience for students and quality child care services for faculty and the community. It is designed to look like a little house so that the young children can have a comfortable and nuturing environment within the large and complex building.

One of the major concerns the school officials conveyed was how to keep the school operational for the students through the duration of the construction project. This was accomplished by dividing the job into ten different phases with construction spanning three years.

Another problem entailed how to utilize the existing auditorium and pool. While these areas represented a significant portion of the existing structure, they were outdated and inadequate for the new curriculum. The existing swimming pool was filled in and divided into space for a dance studio and scene shop for the new auditorium. A portion of the existing auditorium was converted to a smaller, multi-form theatre and the remaining

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space was subdivided into two new rooms for orchestra and band classes.

By anticipating the educational needs of the students and community for the 21st Century, the Penn-Harris-Madison School Corporation is providing one of the most outstanding and well-rounded programs in the United States. ▼

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Penn-Harris-Madison School Corporation
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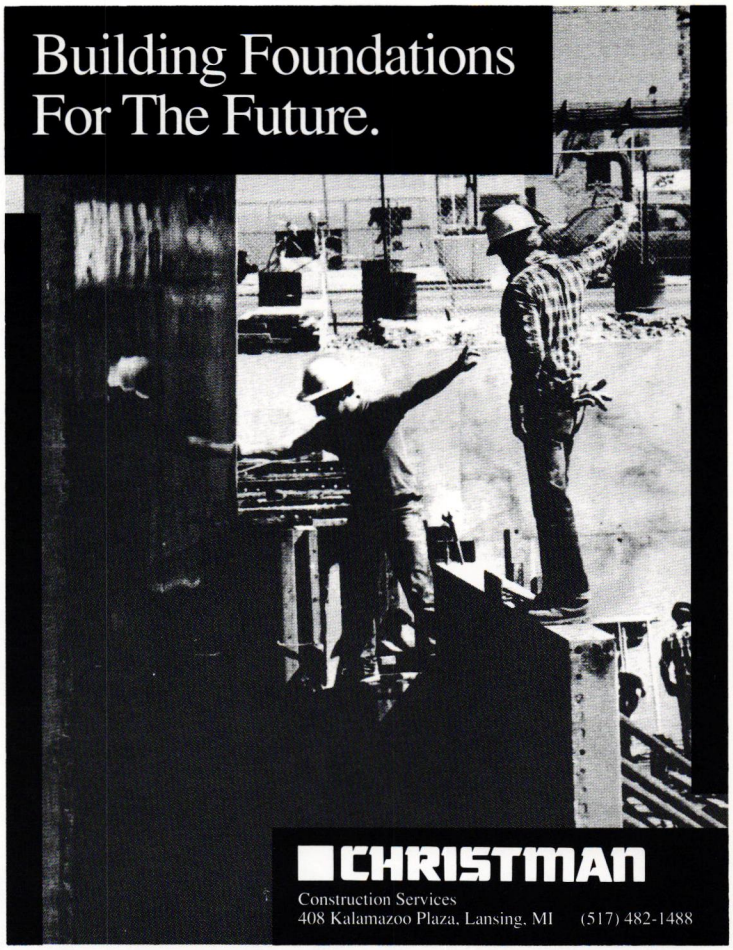

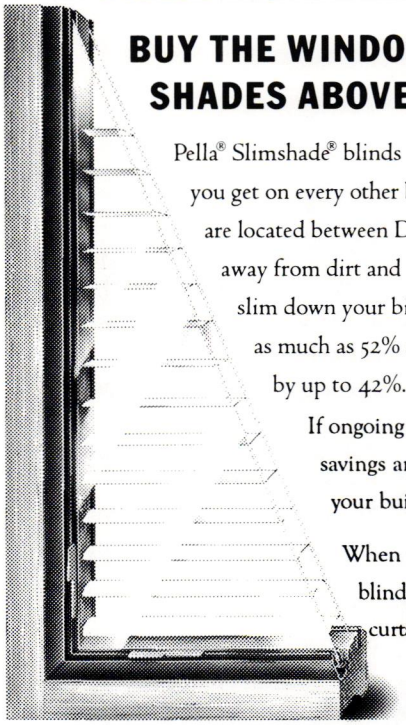

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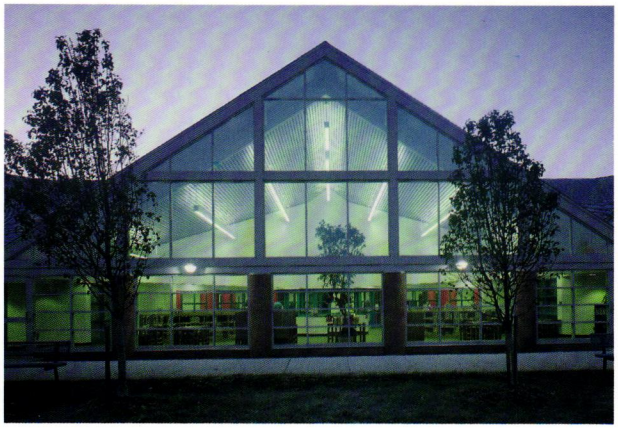
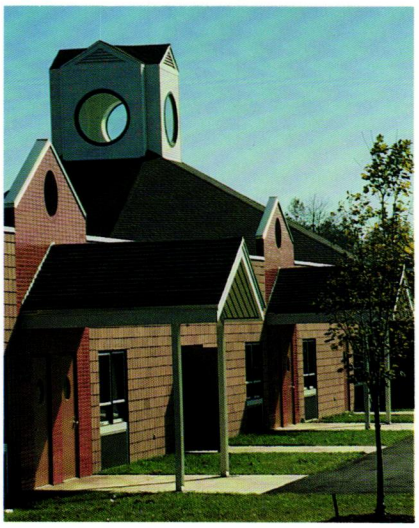


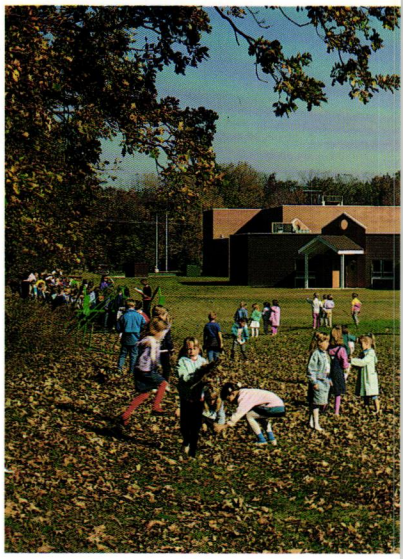
BACK TO THE BASICS

Over the past century, school design has taken many shapes. The early 1900s saw an era where stately, classical, civic structures housed our school environments. Typically multistoried, the school of yesteryear included many self-contained rooms with little social interaction space. Many of these structures still stand today; some adapted to other uses (community education centers, administration centers, housing, etc.).



Not only appropriate to its setting, Parkview is sensitive to the scale and context of its site.

The late 1940s to early 1950s saw a different approach in school architecture. Different structural systems allowed a more open feeling in these schools. Much attention was given to circulation systems and their relationship to the outdoors. Crow Island School in Winnetka, Illinois is the classical example of the best of this era in school design.



The population increased dramatically in the late 1950s and 1960s causing many schools to be built quickly. Unfortunately, many of these structures did not receive proper attention to assure long lasting school buildings. Thin envelopes coupled with dead level flat roofs have plagued school districts around the country. Too much emphasis was put on speed of construction and too little was

devoted to quality and permanence.

The late 1970s saw an era where experimental teaching methods emerged. Team teaching and flexibility were the "buzz words" which translated into open plan schools. These schools were constructed without many interior walls to allow ultimate flexible teaching to occur. Exciting architectural concepts emerged as a positive response to this philosophy with open interior treatments. Some of those schools still remain today - their success is related directly to the spirit of the teachers and to the size of the student population.

The lofty media center at Parkview Elementary School is flooded with natural light from the signature cupola above. At night it becomes a beacon to the community.

The 1980s saw a response away from open planning to more self-contained environments. Quality of the building, including energy usage, has been a major influence in the design of these structures. Compact school plans are very common with controlled exterior window areas.

As we approach the 21st Century, what are the trends that lie before us in the design of school facilities? Following are some thoughts on this subject:

Color and geometry work together to create a lively and stimulating learning environment at Deerfield.

Parkview appears like a giant playhouse in a clearing in the woods: A fun place to be!

All corridors lead to the media center at North Elementary where video, audio, data and print media wait to engage these students' minds.

What trends lie before us in 21st Century school design?

Back to the Basics

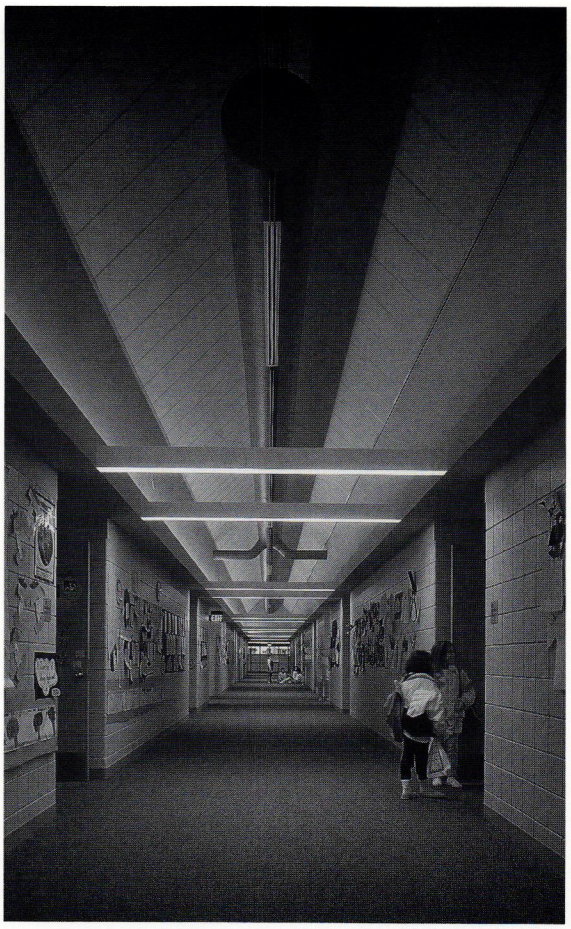
Schools need to respond to the needs of the individual student in positive ways. Spaces need to be designed to allow "basic education" techniques to occur.

Media Centers

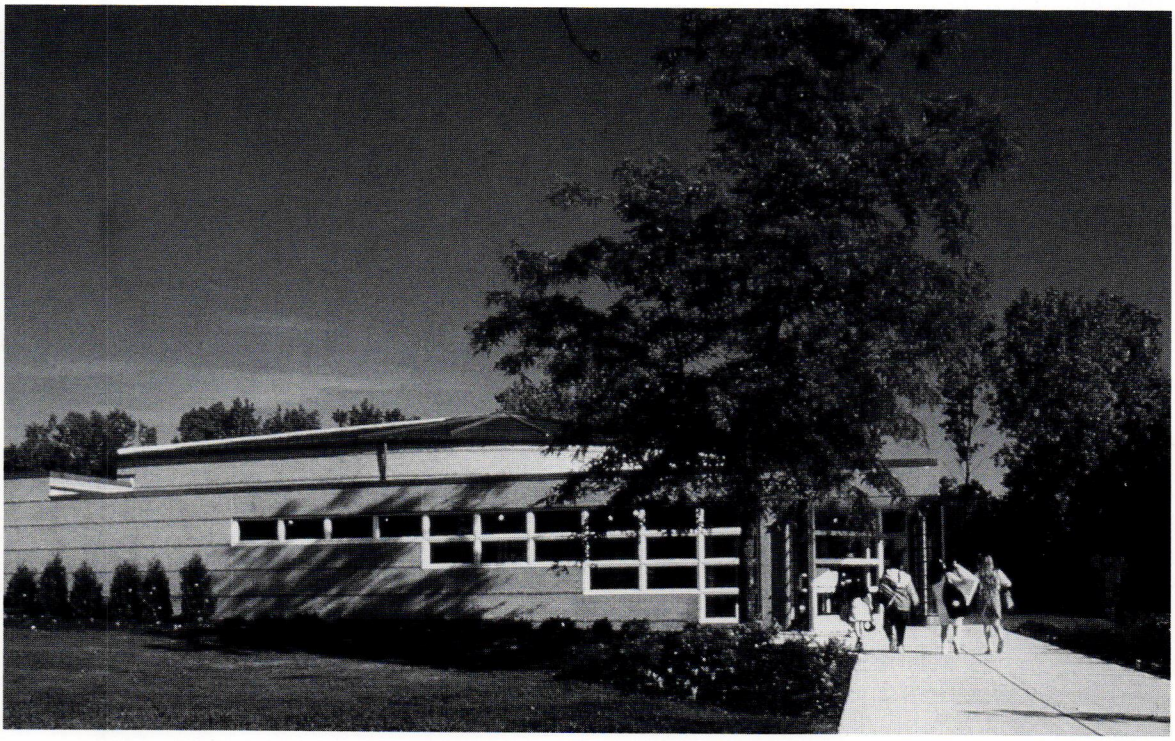
The days of the old library that was only open for three hours a day are long gone. Media Centers take the place of the library and are truly the heart of the academic area. Not only are books and magazines housed here, but also other media including video and datasystems.

continues

The enhanced curriculum comes to life in the gallery-like foyers of Bloomfield Hills art and music wings.



Strong forms and soft lighting combine to give Pleasant Lake its identity as a place that responds to individual student needs in a positive way.



These fine arts additions at Bloomfield Hills contain both art and music components that were designed for maximum flexibility.

New Technology

Obviously the explosion of technology has enabled exciting new teaching and learning methods to occur. Classrooms are now regularly equipped with TV monitors which enable broadcasts of specific programming to be transferred directly from the Media Center. Students can participate in video presentations and have the results broadcast live to their peers. Computer use has increased and the trend is to decentralize computers within a school. As students become more proficient in keyboarding and programming skills, the computer has found its way to the class area as another tool available for education. The future looks exciting with lap-type computers gaining more popularity for students.

Flexibility of Interior Spaces

Flexibility is still a major concern. Space needs to be used efficiently for more than one activity. Improved technical advancements in operable wall units allow dual use of spaces without sacrificing acoustics.

Enhanced Curriculums

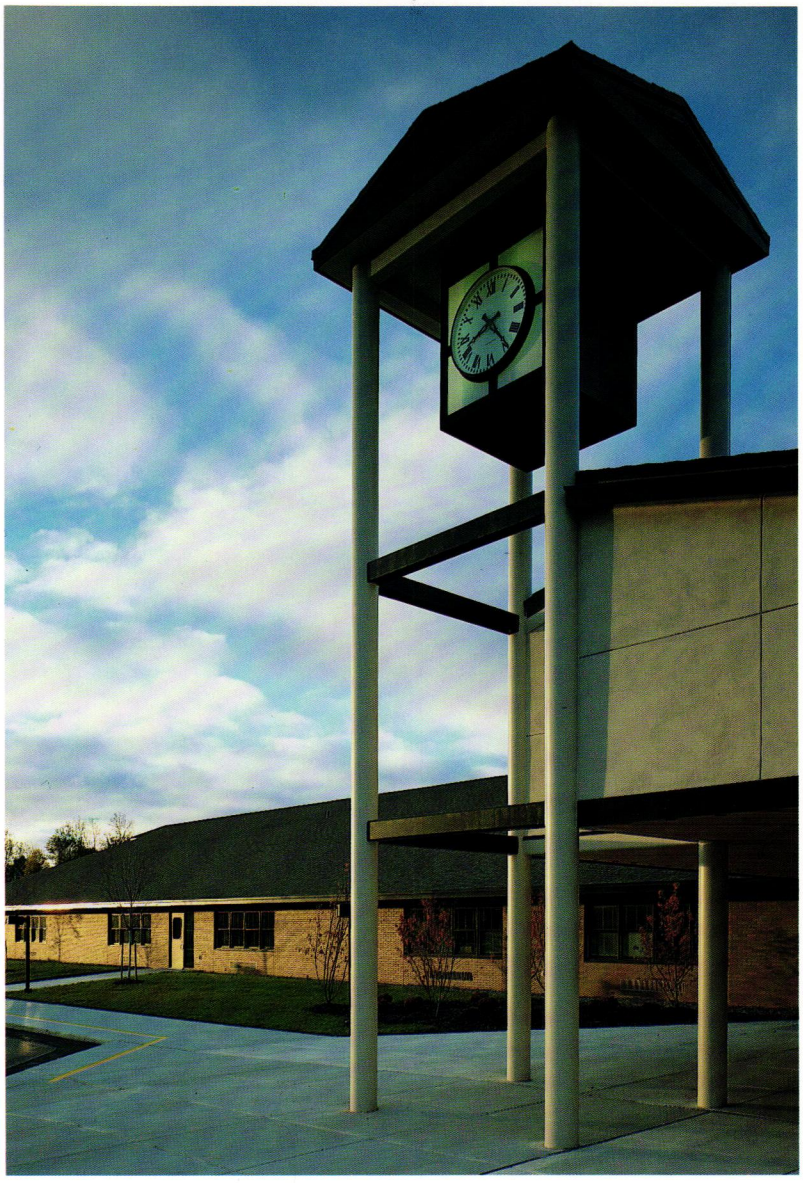
There is certainly a trend to creating a specific environment for enhanced curriculum offerings. Art, Music, Science, Technology Education and Life Skills are some areas that have taken on a new look to support educational goals.

Appropriateness/Context

Our history in school design has taught us how important the actual structure is. Buildings of the 40's are cherished for their character and response to the city or town scape. Schools must be built appropriate to the region and to the context of their settings. Form, scale, material selection, roof profile, all add to this renewed interest in quality Contextual Design.

School Design is embarking on an exciting era. It is the architect's challenge to respond with solutions that are supportive of a school's mission. Much care has to be taken in producing quality learning environments that will become a lasting legacy for our culture. ▼

John Castellana, FAIA



Pleasant Lake announces the start of school with a playful clock tower form.

The Walled Lake Media Center Additions put the new technology at the fingertips of its students.

Project: Parkview Elementary School
Novi Community Schools, Novi, Michigan
Architects & Engineers: TMP Associates, Inc.
Bloomfield Hills, Michigan
Construction Manager: E & V, Inc.
Grand Rapids, Michigan
Photography: Gary Quesada, Balthazar Korab Ltd.

Project: Deerfield Elementary School, Avondale School District, Rochester Hills, Michigan
Architects: TMP Associates, Inc. Bloomfield Hills, Michigan
Engineers: Fuerstenberg, Crompton & Associates Farmington Hills, Michigan
Construction Manager: Barton Malow Southfield, Michigan
Photography: Balthazar Korab Ltd.

Project: Pleasant Lake Elementary & Media Center Additions, Walled Lake Consolidated Schools Walled Lake, Michigan
Architects & Engineers: TMP Associates, Inc. Bloomfield Hills, Michigan
Construction Manager: Auch/Payne/Hickey Pontiac, Michigan
Photography: Balthazar Korab Ltd.

Project: Fine Arts Additions, Bloomfield Hills School District Bloomfield Hills, Michigan
Architects: TMP Associates, Inc. Bloomfield Hills, Michigan
Engineers: Migdal Lane & Sachs, Oak Park, Michigan
Construction Manager: Walbridge Aldinger Detroit, Michigan
Photography: Gary Quesada, Balthazar Korab Ltd.

Project: North Elementary School, Jefferson School District Newport, Michigan
Architects & Engineers: TMP Associates, Inc. Bloomfield Hills, Michigan
Construction Manager: Barton Malow, Southfield, Michigan
Photography: Beth Singer Photographer, Inc.

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TEACHING TECHNOLOGY

Located in one of Michigan's booming west coast communities, the Holland Public Schools are experiencing an enrollment increase of 900 students over a nine-year period. Having recently reorganized its grade structure to K-5, 6-8 and 9-12, Holland needed a second middle school to accommodate its mushrooming student body.

Bold color surrounds the round Computer Center form.

Holland East Middle School is organized around three educational concepts: interdisciplinary team teaching; a student street uniting the team areas and support facilities; and teaching and learning supported by the latest in educational technology.

Technology's central role in Holland's curriculum is made clear by the round Computer Center located prominently in the middle of the instructional team area. Its 24-foot-high, raspberry-colored exterior walls provide an obvious and delightful focal point. Educational technology is further enhanced by the inclusion of an integrated communication, information, and media system offering access to media resources through television to every instructional area in the building.

Linking the team teaching areas and other support functions is a student street, anchored at one end by the Computer Center and at the other by the Cafetorium. The Media Center, counseling and administrative offices are all located along the street to facilitate their use.

This tower-like form announces the main entry and provides contrast to the low, horizontal expression.

The student street focuses on the Computer Center at one end, and features a traffic light at the entry to each team area.

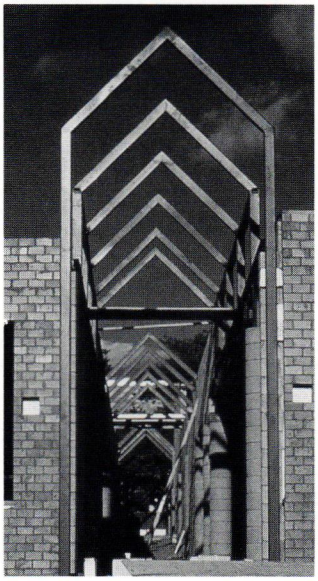
This lively new middle school is colorful inside and out. Bands of brick are punctuated by blue tiles and capped by a blue roof on the exterior, while the indoor street is a bold expression of color, geometry and natural light, an interesting contrast to the high technology theme of the school. ▼

Project: Holland Middle School, Holland Public Schools
Holland, Michigan

Architect: Kingscott Associates, Inc.,
Kalamazoo, Michigan

Construction Manager: Elzinga and Volkers, Inc.
Holland, Michigan

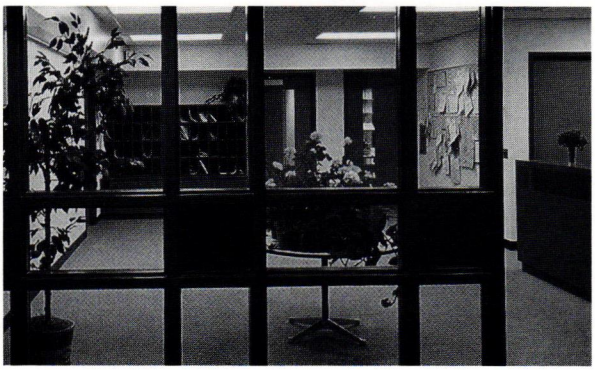
Photography: Arcadia Photographic



CONSENSUS BUILDING

Clients of architects today are seldom individuals with singular needs. Architects are more frequently asked to design settings for use by large groups that have diverse needs, expectations and preferences. Schools especially fulfill a multitude of needs for an entire community. Although the school board may hire the architect, the client is the community itself. Architects need to have open dialogues with their clients. The challenge then is to "talk" effectively with an expansive client. Unfortunately, architects have been slow to use or even develop tools for conversing with large groups of people about their diverse needs and expectations.

The Office—the new "meet and greet" space is central to teacher work areas and the school's new central storage area. Office staff have an open but shielded work area. Glass in colorful frames opens the "operations center" to the main corridor and school entrance. Visitors don't just walk by this office.



Culbertson Jacobs & Milling Architects has developed several tools for engaging large groups in dialogues about their built environment and reaching consensus. These procedures were refined while designing additions for three schools, each with its own set of unique needs. This consensus-building process moved from design by committee to design by community. In each case, the results were surprising and gratifying.

A Beginning

In the fall of 1987, Greenhills, a private school for grades 7-12, realized that a new wing was needed for their new sixth grade program. The schedule was tight; sixth graders were to enter the school the following fall. Available funds—privately raised—totaled less than $650,000. A representative group of teachers, administrators, parents, a student and the architects met to define goals and shape the project. The tight budget suggested a very efficient plan using a double-loaded corridor. But from various discussions, it was apparent that the sixth graders needed a space that could be defined as uniquely theirs—a place with a sense of Place.

After many intense discussions, the concept of a central "forum" for sixth graders emerged.

The final plan had at its core a sunken sitting area surrounded by small light-filled study spaces, lockers and classrooms. The group believed sixth graders would feel more secure in a school with older students if they had a space that was uniquely their own. The younger students could choose when to interact with older students and when to retreat to the security of their own Place.

The Multi-purpose room is now the place for fun, crowds and performing arts. The bright color scheme highlights center stage while colorful doors under the stage hide hundreds of chairs. Backstage a ramp enables all to participate. Floor patterns assist in arranging tables for lunch and chairs for performances.

In the next school project the architect decided to formalize the process and look for ways of involving more people. At Greenhills, those non-architects participating in creating the addition discovered the satisfaction that is inherent in authorship. They represented, however, a relatively small group and the question arose as to whether the process could be improved by involving more people and if there would be increased advantages with increased group size.

Refining the Process

Abbot Elementary School was the second school addition. It provided the opportunity to expand client involvement to a more diverse group of people. Several working sessions were held to sort out needs, define goals and articulate what makes the Abbot community unique. Sessions were held for third graders during school hours, with teachers, staff and administrators meeting after school. Finally, sessions were held in the evening for parents and the general community.

From the three discussions it was easy to create a list of spaces that were needed and how these new areas might be related to the existing school. At this point, it was necessary to develop a close working relationship with a smaller, yet representative group to guide the schematic design process. A design team was formed to develop and refine three schemes. These schemes were presented and discussed at an evening session which was open to all in the Abbot community. From that session one scheme was adopted, slightly modified, and then presented to the school board with a preliminary budget. In evaluating the process at Abbot, several unintended results were found:

1) The PTO gained strength by being involved in the building project. They have now raised funds to do special landscaping in the "Art Court."

continues

The Forum is the sixth graders' gathering place. All their classrooms and lockers spin off from it. It is the heart of their wing, sending students out to circulate and then pulling them back to its core.

2) Even though construction was a mess, the staff had a clear idea of what was happening and was able to focus on the end result which they helped define. This reduced "construction stress."

3) The Abbot community gained the respect of Central Administration for being able to clearly identify their needs.

275 Junior Architects in Hardhats

For the third school addition, the process was expanded to include an educational program for the student body of Pattengill Elementary School. An architect specifically took on the role of students' advocate to voice their ideas to the design team. Three workshops were organized at different times in the design and construction process to obtain the students' point of view and involve them in what was happening to their school.

In the first workshop, students were asked what they liked best and least about their school building. Next, changes were discussed that would improve the school. A large list was created for the design team to consider improving the school.

The design team was impressed with the quality of the ideas expressed by the students.

The second session was devoted to learning about plans and building elevations so students could "read" the plans for their new building. An imaginary walk was taken through the new addition, describing the new spaces through the drawings made for construction.

The third session will take place during construction. Students will experiment with what it feels like to be a building by becoming a beam, column or other building element. Discussions will also take place as to where different building materials come from. After the "talking time," a tour of the construction (complete with hardhats) will be made to see live building elements and materials before they are covered up.

To date the design team has been impressed with the quality of the ideas expressed by the students. After each student session the playground was full of conversations about what was happening to the school.

While the involvement of the students was exhilarating, the participation of another group was key to realizing this project. Prior to the architectural firm's involvement, a feasibility study was done illustrating a scheme for adding to the school. That scheme had outraged neighbors. Through several evening sessions open to the entire Pattengill community (similar to the sessions at Abbot), neighbors' concerns were brought to the forefront and dealt with as design perameters. As a result the new design for Pattengill met the needs of the school without compromising the neighbors' concern for open space and views into an adjacent park.

These three educational projects provided the architectural firm the opportunity to involve large groups of people in the design process. At each step the level of involvement and the numbers of those involved increased. Each project confirmed the importance of community participation by the impact it made on the building itself and the impact it made on the participants. In addition, the firm's practice has also benefitted by these experiences and it plans to continue to refine this consensus-building process in the future. Above all, this process has shown that participation means sharing with and listening to all parties. People want to have a hand in the development of their community, but their time is valuable. They want to participate effectively and know they have made a difference. ▼

Jan Culbertson, AIA

Project: Greenhills School, Ann Arbor, Michigan
Architect: Culbertson Jacobs & Milling Architects, Ann Arbor, Michigan
General Contractor: Saline Construction
Mechanical Engineer: Professional Consultants, Inc.
Electrical Engineer: Bada Engineering
Photography: Stanley Livingston

Project: Abbot Elementary School, Ann Arbor, Michigan
Architect: Culbertson Jacobs & Milling Architects, Ann Arbor, Michigan
General Contractor: Artco Contracting
Structural Engineer: Sidney Shorter & Associates
Mechanical Engineer: Professional Consultants, Inc.
Electrical Engineer: Neil Adams, Inc.
Landscape Architect: Hedberg Associates
Photography: Fred Golden

Project: Pattengill Elementary School, Ann Arbor, Michigan
Architect: Cultertson Jacobs & Milling Architects, Ann Arbor, Michigan
General Contractor: Usztan Construction, Inc.
Structural Engineer: Sidney Shorter & Associates
Mechanical Engineer: Professional Consultants, Inc.
Electrical Engineer: Neil Adams, Inc.
Landscape Architect: Hedberg Associates

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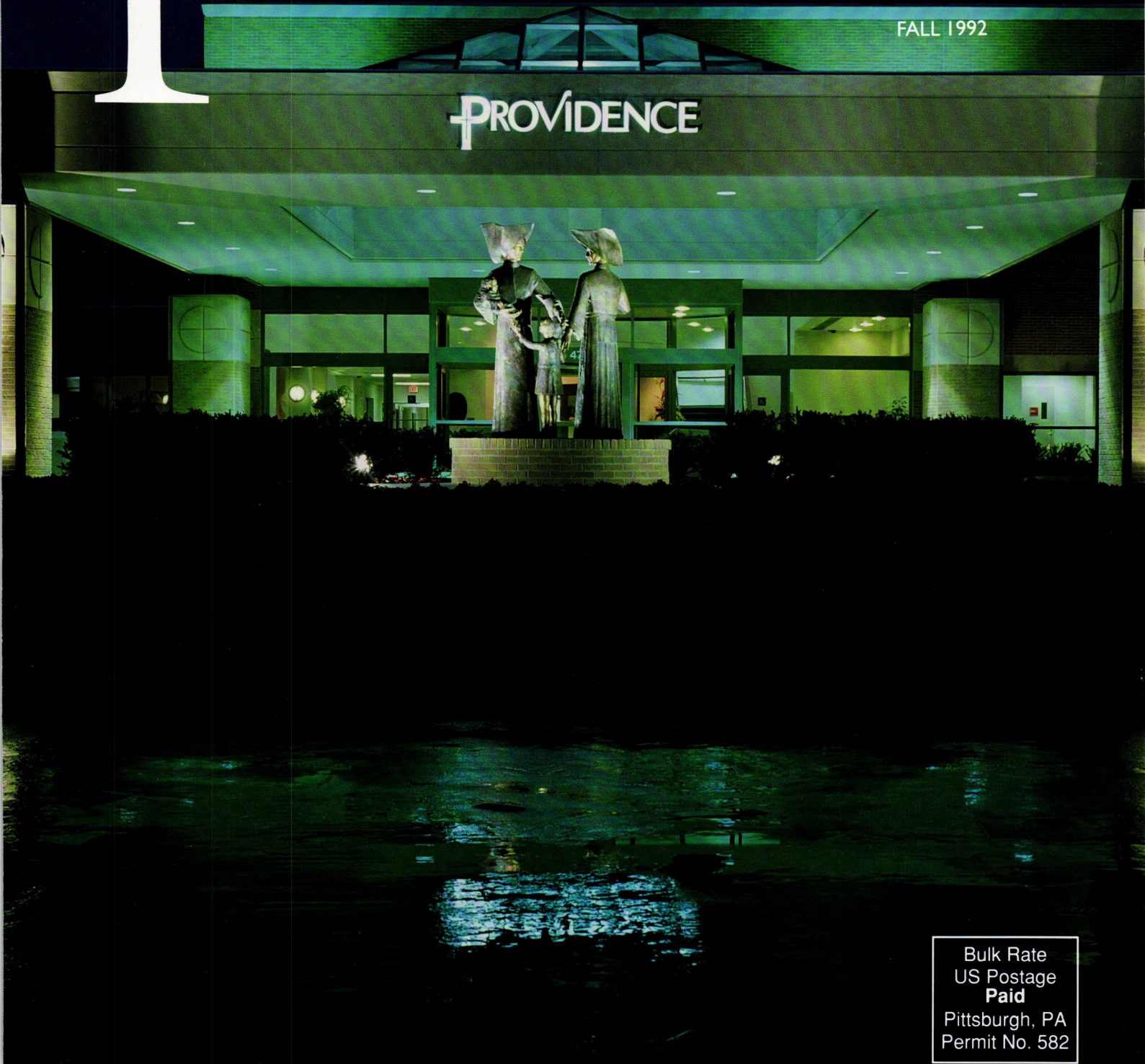

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ARCHITECTURE / EVENTS

As this year's remaining days become fewer and fewer so do opportunities to attend an architectural event, as evidenced by the November and December calendars below. Since the ten chapters around the state have yet to prepare their 1993 calendars and I have all the white space on this page to fill, I am taking this opportunity to inform you of key dates for special events in 1993. Also of special note are two new MICHIGAN ARCHITECTURAL FOUNDATION sponsored seminars. Both of these 1-1/2 day seminars are being held at Shanty Creek in Bellaire, Michigan, and are patterned after the successful, 25 year old Health Facilities Seminar. Mark your calendars with these important dates!

Eugene C. Hopkins, AIA
Michigan Architectural Foundation

NOVEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	**17**	18	19	20	21
22	23	24	25	26	27	28
29	30					

17 AIA SOUTHWEST Awards Program being held at Fetzer Center. Contact Gregg at 616 343-6133 for further information.

DECEMBER

S	M	T	W	T	F	S
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6	7	8	9	**10**	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

10 AIA MICHIGAN Holiday Party at the Beaubien House, 553 East Jefferson, Detroit.

1993 Special Event Dates:

JANUARY	**26** National AIA Accent on Architecture, Washington, D.C.
FEBRUARY	**3, 4** EXPO '93 Design & Construction, AIA Michigan/ CAM/ CSI/ASID
MARCH	**18, 19** 26th Annual Health Facilities Conference, Amway Grand Plaza Hotel, Grand Rapids
APRIL	**19, 20** Architects/Engineers/Building Officials/Contractors Conference: Communication among the design, construction and enforcement professionals throughout the state is the goal of this educational gathering. Codes, review of plans, proper "sealing" of documents, ADA update, and state procedures will be combined in a social setting to promote open commu nication among all parties responsible for the built environ ment in Michigan.
MAY	**15** AIA Detroit Design Awards, Kingswood, Cranbrook
JUNE	**18-21** AIA National Convention, Chicago
AUGUST	**5-7** 50th Mid-summer Conference, Grand Hotel, Mackinac Island
OCTOBER	**18, 19** School Facilities Planning Seminar: This is an opportunity for architects, school administrators, facilities managers, and state enforcement personnel to gather to learn about the latest in school design, codes, and construction.

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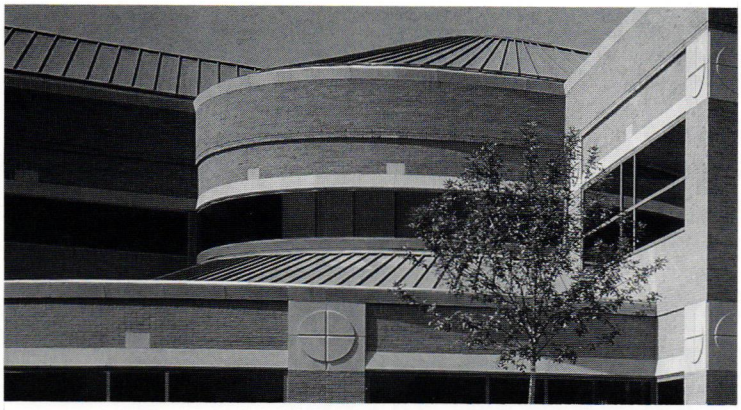

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Landmarks
The Detroit Medical Center

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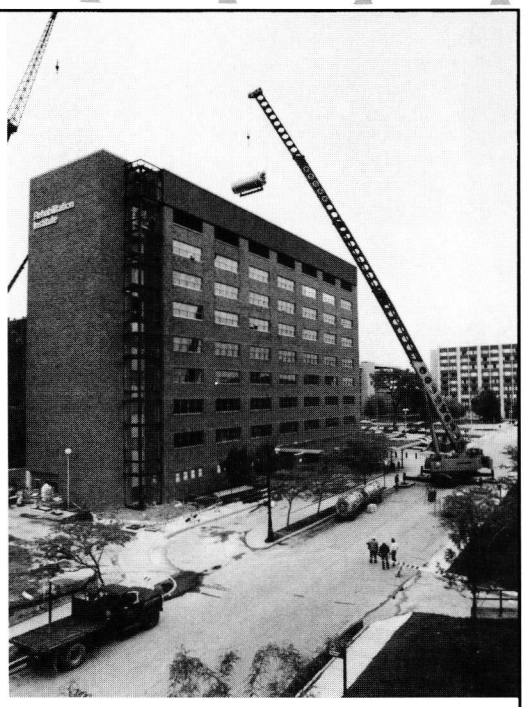

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553 East Jefferson, Detroit, MI 48226. Editor: Timothy Casai; Art Director: Nancie Magnuson; Associate Editor: Peter Pennline. Please address all letters and inquiries to the above address in care of Rae Dumke.

Uncertain Prognosis

Trying to predict the future has always been a favorite, if somewhat risky, pastime. Those who engage in this activity have everything or, depending on your perspective, nothing to gain. Attempting to anticipate the type of facilities necessary to support the nation's health care needs requires a whole lot of knowledge, skill and a healthy dose of luck. Galloping changes in technology, demographics, funding mechanisms and treatment philosophies have kept our medical prognosticators scrambling for money and ideas. It seems that there is much more to lose than to gain in this high stakes contest.

Medical center is pitted against medical center for patients, grants and state approvals. Doctors race each other for dollars to purchase high tech diagnostic equipment. Insurance interests compete for subscribers and, therefore, survival. The role of the medical health care facility continues to be magnified by the battle for bucks. The issues are many: where to locate, how to be flexible and accommodate inevitable change, which technology to include, how to make facilities respond to patient needs and fears of health care, how to build economically yet still project a first class image. And on and on.

PLACE brings to this issue solutions to four very different health care facility issues. Each addresses a unique and identifiable level of care - a niche, if you will - that has evolved in recent years. In each case, the architect has been charged with creating an image, a response to patient and staff needs, and an efficiency of work flow which are care-level specific and demographically responsive. All have responded in a sensitive and creative manner.

But larger problems loom for the health care industry, problems beyond the realm of facility design. Like a dark cloud overhead, health care cost acceleration and lack of proper health care access for millions of Americans continue to build into very stormy conditions indeed. And like the weather, it is difficult to predict which way the winds of change may blow for the health industry. Yet one prediction which can be safely made is that architects will continue to strive to find creative solutions to evolving health care facility needs. As for other forecasts, please pass the crystal ball. ▼

Timothy A. Casai, AIA

Place Magazine
Editorial Schedule 1992/1993

Editorial Materials Must Be Submitted to AIA Michigan By

Renovation and Restoration
Spring '93 January 24, 1993

Special Places To Meet Special Needs
Summer '93 April 24, 1993

For editorial consideration, materials must be received at the AIA Michigan, 553 East Jefferson, Detroit, MI 48226, by the above dates. If you are interested in advertising in Place Magazine contact: Karl Rabeneck, TSG Publishing, 940 Western Avenue, Pittsburgh, PA 15233. Phone 412/323-1808. Fax 412/321-4541.

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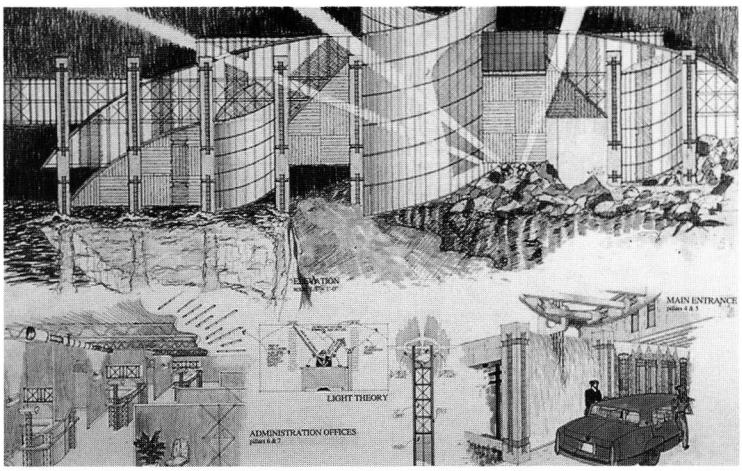
School Days, School Days

Dane A. Johnson, AIA



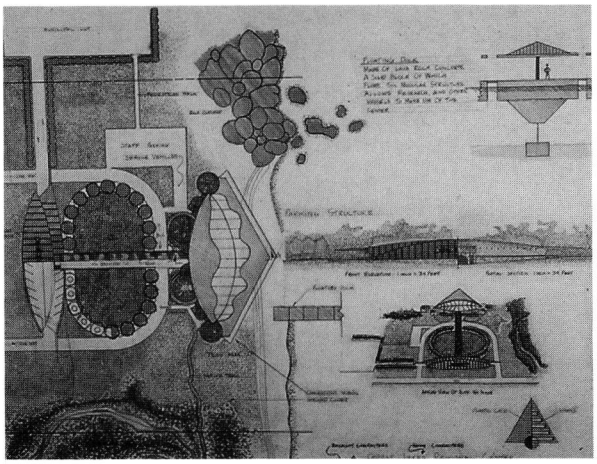
1991/92 MAF High School Design Competition entry by Bob DeGraff, Rockford High School. Second Place, MAF Architectural Design Award; Second Place, Detroit Edison Lighting Design Award.

Work has begun on the 1992/93 Michigan Architectural Foundation High School Design Competition, an event in an important state of transition. In this, the twenty-sixth year of the competition, the MAF has increased the emphasis on expanding the program beyond Detroit to make it a viable state-wide public awareness program. One of the ways the committee hopes to achieve broader, state-wide participation is by offering informational kick-off meetings not only in the Detroit area, but in Grand Rapids as well.

MAF and its co-sponsors—Detroit Edison, Lawrence Technical University and AIA Detroit—have developed a program which last year awarded a total of more than $9,000.00 in scholarships to eight Michigan high school students.

The powers behind the MAF program, chair Bob Hill, AIA; his co-chair Gregg Corella, AIA; and the AIA Detroit chair Cheryl Williams, AIA, have worked diligently to contact high schools across Michigan; and to coordinate such efforts through the AIA chapters throughout the state. This is a major undertaking: The 1991/92 program resulted in over one hundred entries from seventeen high schools, and this year's program will hopefully be even more comprehensive.

The schedule for this year includes kick-off and coordination in the fall, with project deadlines and jurying in March 1993 and an awards banquet in April 1993. If you are interested in assisting with the competition, or know a high school student who could benefit from participation in such a program, please call the Michigan Architectural Foundation at 313/965-4100.



Entry by Tim Thorson, Romeo High School. First Place, AIA Detroit Chapter Award; Third Place, MAF Architectural Design Award.

Award Season Continues

Committed individuals are the heart of AIA Michigan, and so each year the organization honors individuals whose level of commitment goes beyond the ordinary. At its convention in Detroit in October, AIA Michigan is pleased to present the following honorees for 1992. We thank and congratulate them.

Many individuals provide valuable service to AIA Michigan and the profession in general, even though they are not eligible for membership in the organization. This year AIA Michigan honors two such

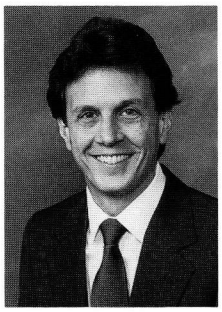
c h e s

gentlemen with Honorary Affiliate Memberships in the organization:

John Gallagher is familiar to readers of the Detroit Free Press, which has published articles on architecture and development regularly for the past several years. He has been a fixture at numerous AIA programs and has provided a valuable forum for the exchange of ideas relating to the concerns of the architectural profession. His articles appear weekly in the Monday Business Section and once monthly on the back page of the paper.

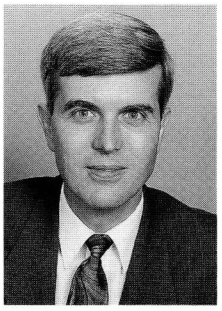
Ernest Hickson, supervisor of marketing for the Detroit Edison Company, has been an active supporter of AIA Michigan programs including the Mid-Summer Conference and the MAF High School Design Competition. In his corporate role, he has enlisted the support of Detroit Edison for Place Magazine, the AIA Michigan Convention and the Beaubien House Arts Commission.

The Robert F. Hastings Award is granted in recognition of a specific significant effort and contribution to AIA Michigan and the profession. We are most pleased to announce that this year's recipient is *Timothy Casai, AIA*, editor of Place Magazine. As chair of the Publications Committee, Tim was instrumental in the development of the magazine and has worked tirelessly to ensure its growth and quality. Tim has also chaired the 1992 AIA Michigan Mid-Summer Conference at Mackinac Island. In his spare time, Tim is a vice president and principal at TMP Associates in Bloomfield Hills.

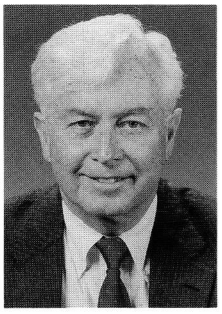


Timothy Casai, AIA

The Young Architect Award is this year bestowed upon *Eugene Hopkins, AIA*, a founding partner of Architects Four, Inc. in Ann Arbor. A great friend to architecture and historic preservation in Michigan, Gene has also been a great friend to AIA Michigan as director, secretary, treasurer and as vice president and president of the Huron Valley Chapter. His works include the restoration of the Senate Chamber and Appropriations Committee Room in the Michigan State Capitol, Zingerman's Deli in Ann Arbor and his own residence in Ann Arbor.



Eugene Hopkins, AIA



Leo G. Shea, FAIA

The President's Award honors architects who contribute to the quality of the built environment while working in a corporate educational context. The award this year goes to *Leo G. Shea, FAIA*, vice president of operations for Kughn Enterprises. He has previously served as president and director of AIA Detroit, and was author-editor of the chapter in the 1976 General Conditions for the Architect's Handbook of Professional Practice. He was elected to the College of Fellows of the Institute in 1978, and in 1985 was recipient of the Gold Medal from AIA Detroit.

Richard C. Frank, FAIA

The Gold Medal, the highest honor bestowed by AIA Michigan, is this year awarded to *Richard C. Frank, FAIA*, for his pioneering efforts in historic preservation in Michigan and his many years of service to the organization and its members. From his restoration of Fort Mackinac in the 1950s to the restoration of the Michigan State Capitol, now nearing completion, he has championed the cause of preservation and its important role in our nation's history. For nearly four decades, Mr. Frank has worked at the local, state and national levels to ensure the survival of our past into our future. He has served on the Historic Resources Committees of the AIA from 1969 to 1988, and AIA Michigan from 1963 to 1975; on the Board of Trustees of the National Trust for Historic Preservation from 1972 to 1981; and on the Board of Directors of the Victorian Society of America from 1970 to 1978. ▼

The Public At Risk

The public holds architects in very high esteem as participants in a well respected profession, but at the same time have little understanding of the training and responsibilities of an architect.

As in all 50 states, Michigan requires that the health, safety and welfare of the public be protected by requiring that those who wish to practice architecture be licensed. Only then may an individual be referred to as an architect. This achievement does not come easily. In Michigan, the licensing laws require that an individual complete the following steps to become an architect.

1. Graduate from an accredited school of architecture, completing 5 or 6 years and receive a Bachelors or Masters degree in Architecture.

2. Participate in a structured internship under the direct supervision of a licensed architect, spanning approximately 3 years. This internship includes specific experience requirements in all facets of practice.

3. Complete an internationally recognized 9-part, 4-day architectural licensing examination, including a 12-hour building design examination.

The Michigan licensing laws result in highly qualified architects to serve both the public and private sectors.

The national AIA has gone one step further to mandate "life long learning" requirements for all members by 1996 to assure continuing professional competence.

Q So where's the problem, you ask?

A Lack of enforcements of the licensing laws regarding who may practice architecture in Michigan is a real and growing problem. The Bureau of Professional Regulation (formerly the Department of Licensing and Regulation) is now a part of the Department of Commerce. The Department has stated that the Bureau has insufficient funds to follow up any complaints regarding unlicensed practice, but they still will address any issue regarding a licensed practitioner.

Q What message is being sent?

A Don't bother to become qualified or to get licensed, and you won't be bothered.

The lack of enforcement encourages anyone to draw plans for a builder or contractor and to then apply for a building permit. When the building officials do not perform their job properly, unqualified individuals are allowed to produce buildings which place the public unknowingly at risk.

Q What can we do about it?

A AIA Michigan, in coordination with members from each of the Society's 10 Chapters located around the state, is working to resolve this public threat from several vantage points.

1. We are continuing to review the documents submitted to building departments across the state, and are continuing to document the sizable magnitude of this problem.

2. We are continuing to submit documented complaints to the Bureau of Professional Regulation.

3. We are continuing to seek methods of ensuring that the state will enforce the existing laws.

4. We are continuing our efforts to inform the municipal building officials of their legal responsibilities.

5. We are seeking the power to bring injunctive relief against those practicing illegally.

6. We are formulating an approach to "privatization" of the enforcement of the profession by professionals.

The unlicensed practice of architecture is a serious issue which has become the primary focus of the licensed architects of Michigan. We must not allow this critical risk to the health, safety and welfare of the public to continue. This is an issue that impacts all of us, and we will be seeking your support of our actions in the coming months. ▼

Stephen Q. Whitney, AIA
President, AIA Michigan

Advertiser News

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For further information, contact Standard Interlocking Paving Systems at 517/394-7220.

Request For Architectural Services

The Michigan State Housing Development Authority is interested in retaining the services of firms licensed in the profession of Architecture to provide design review of proposed housing developments.

Firms interested in interviewing with MSHDA to provide design review services shall submit resumes to the Michigan State Housing Development Authority, 401 South Washington Square, P.O. Box 30044, Lansing, Michigan, 48909 by October 26, 1992.

Resumes shall include 1) the firm's experience in the discipline of the site planning and landscape design of multi-family rental housing; and 2) the firm's previous experience in reviewing plans and specifications for multi-family housing.

Experience in the design and/or review of multi-family housing shall list experience in:

a. low-rise, mid-rise and high-rise residential buildings;

b. family, elderly and congregate care developments;

c. affordable and market rate housing;

d. representative residential development size, scale and building types;

e. representative construction types (wood frame, masonry, etc.);

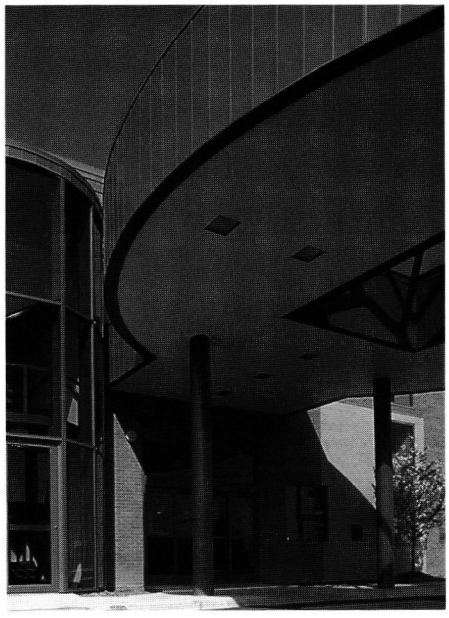
f. moderate and substantial rehabilitation, adaptive re-use and historic preservation; and

g. knowledge of applicable codes and ordinances, MSHDA standards, barrier-free design and the Fair Housing Amendments Act.

Resumes shall also note that the firm is licensed, if it is a minority or female owned firm, and the willingness and availability of a principal of the firm to participate in the review process.

Contractual payment will be on an hourly basis. Firms should anticipate an annual contract in the amount of $10,000. MSHDA is an Equal Opportunity Employer.

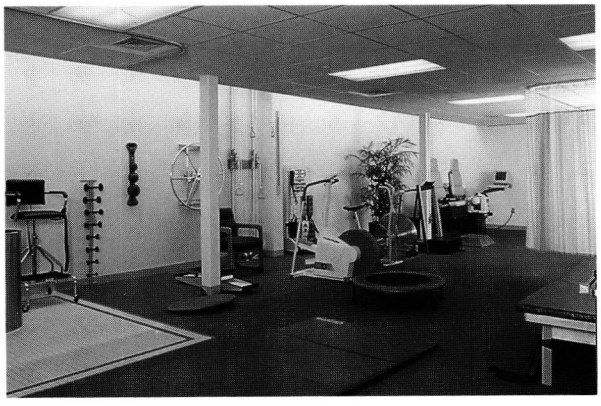
For further information interested firms may call Mr. James Flanigan or Mr. Robert Shirkey at (517) 335-2001. TDD Number 1-800-382-4568.



MEDICAL REBIRTH

In an established neighborhood, the solution to a change in need for service is not always to tear something down in order to put something up. In fact, the solution is sometimes not even to find something of similar use and renovate it! The solution developed by Straub Associates for the Park Medical Office Building is truly a stroke of creative inspiration. Converting a former one story, high bay, light industrial building into a new neighborhood health facility took good ideas and excellent execution.

The new physical therapy room belies its former industrial use.

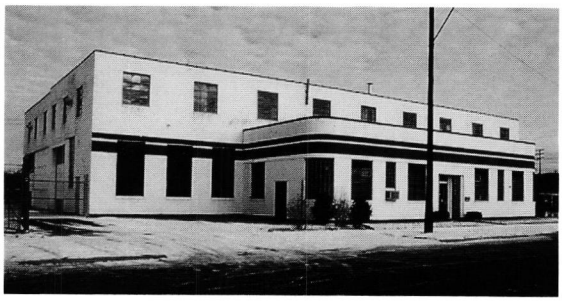


The old industrial building was changed to a new 20,000-square-foot, two story facility by in-filling the high bay area with a new floor level. Portions of the two story high bay spaces were retained for waiting areas at two corners directly adjacent to the new entry, which is defined by a circular canopy and stair. The new physical therapy room occupies the former low bay office "front."

The new exterior skin of the medical building is composed of brick of two subtly different colors which follow the openings and fenestration pattern of the previous industrial building. The hint that this is an old building that became obsolete for its original function comes from the old openings which are in-filled with new brick. New openings are punched out as needed for the new function. The result is a friendly, outgoing center which brings in much natural light and provides top quality medical treatment space for area physicians.

This newly converted medical building is certainly a better neighbor to the nearby residents, yet ghosts of a previous incarnation are expressed in the reworked facades. It is clear that the architects had fun attacking and solving the inherent problems with such a

With new skin, windows and canopy, the renovated facility has a completely new image.



In its previous life, the building was a light industrial facility.

transformation. Serving the needs of the community, this old building has now, through application of considerable design skill, become architecture. ▼

Natural light fills the lobby from an interesting series of window openings.

Project: Park Medical Office Building
Dearborn, Michigan

Architect: Straub Associates/Architects
Troy, Michigan

Interior Design: Scarcello Associates, Inc.
Dearborn, Michigan

Mechanical/Electrical Engineering:
Gerald Potapa & Associates, Inc.
Madison Heights, Michigan

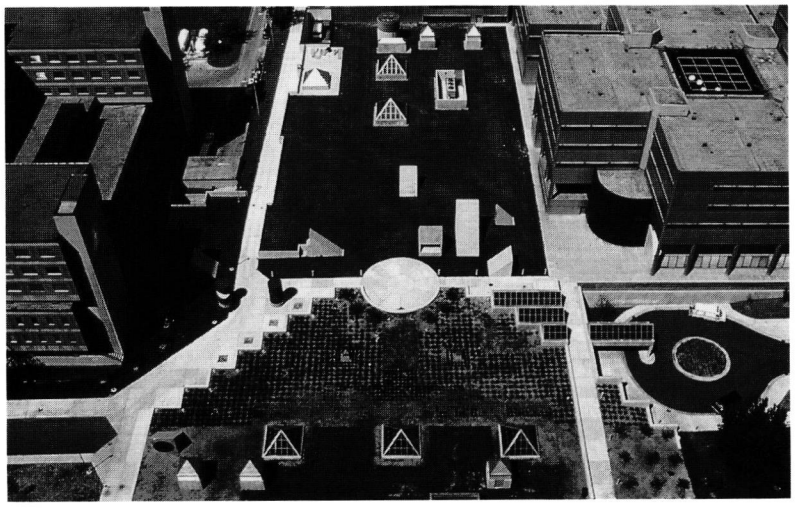
Structural Engineering:
Jay Desai Consulting Engineers
Southfield, Michigan

Contractor: The Garrison Co.
Farmington Hills, Michigan

Photography: Beth Singer

GOOD MEDICINE

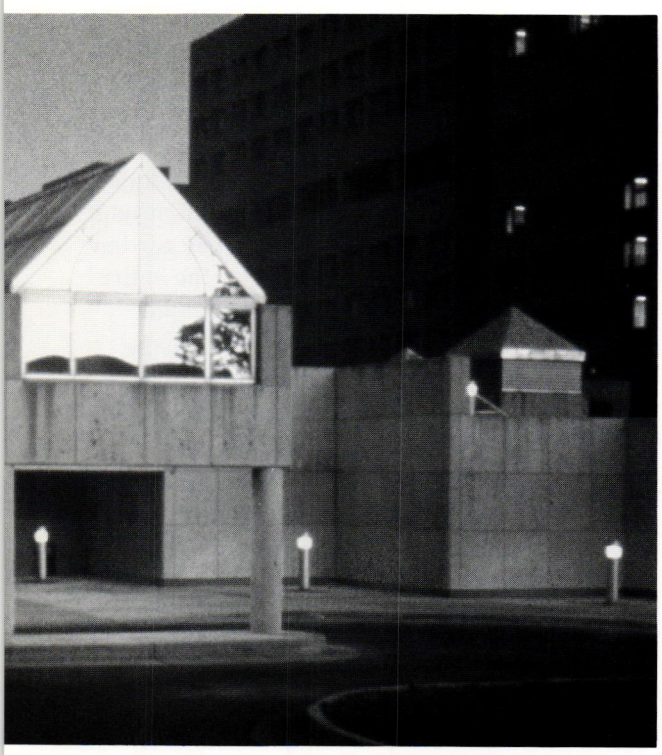
As life-saving medical technology has increased, healthcare facilities have become more and more impersonal. New diagnostic and treatment methods, such as MRI, PET and neutron therapy, have turned many healthcare facilities into high-tech labyrinths. For most patients disease is frightening enough, they shouldn't feel intimidated by their surroundings.



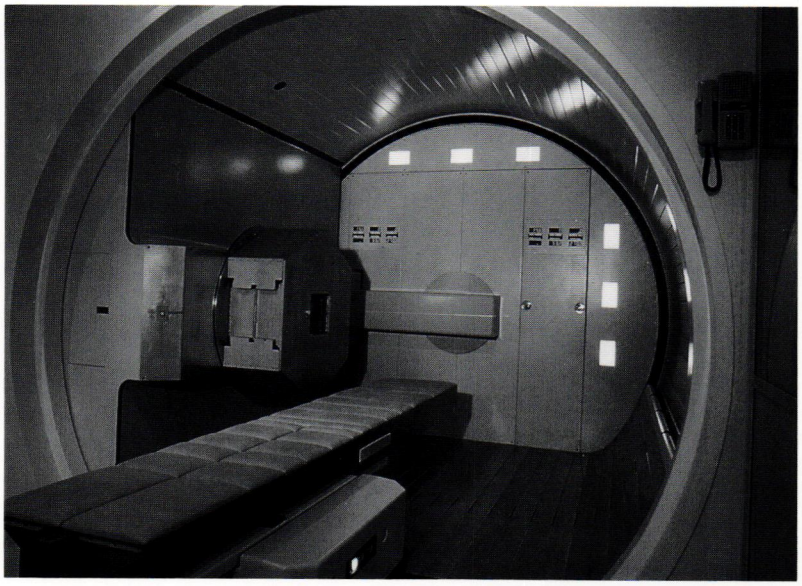
Located underground, the Gershenson Center's landscaped roof preserves the open space between Detroit Receiving Hospital and Children's Hospital.

Smith, Hinchman & Grylls expanded and renovated Harper Hospital's Gershenson Radiation Oncology Center (ROC) to house the first gantry-mounted superconducting cyclotron for neutron therapy, developed by Dr. Henry Blosser. The major design objectives of the project were to improve patient access and to improve the healthcare environment for both patients and staff. The current treatment area was hard for patients to reach, circulation patterns were unclear, and patients were treated away from staff, allowing little interaction. The ROC's underground environment also made treatment an oppressive experience.

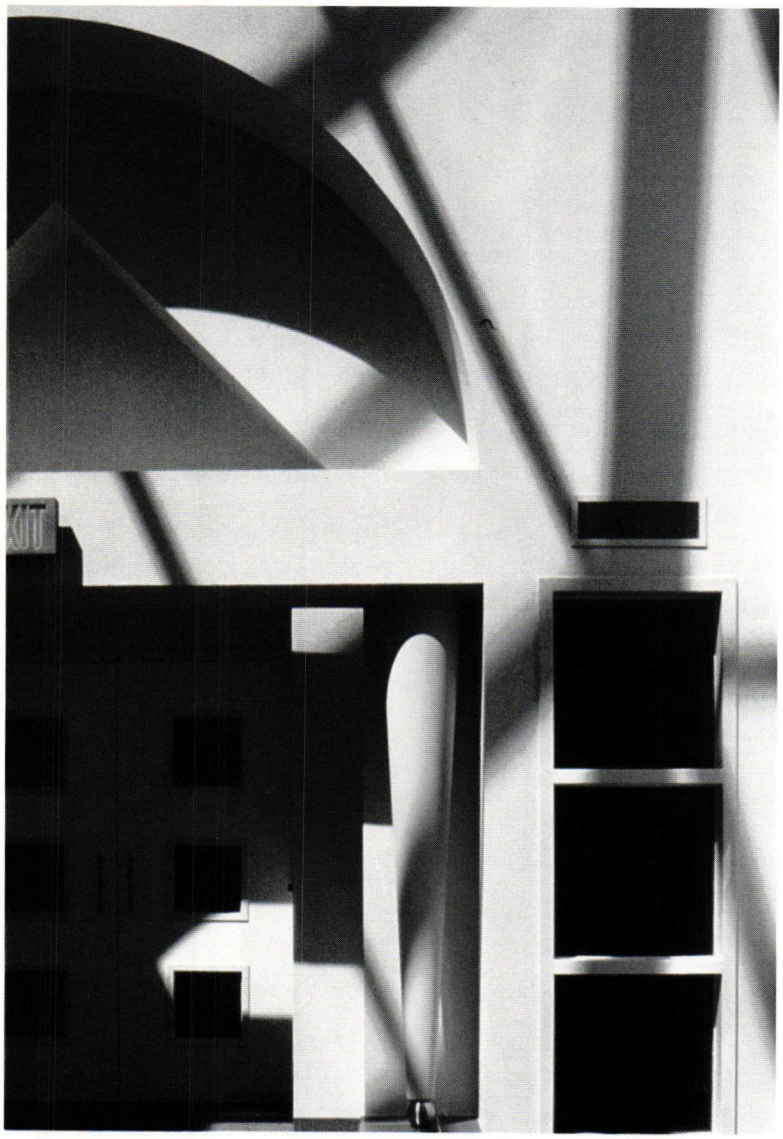
SH&G designed a new center entrance to provide direct access to the treatment area. The new entrance removes hundreds of feet of travel distance for cancer patients under treatment. Inside, skylit interior courtyards humanize the underground environment and



A new entry provides a unique identity from the surrounding Detroit Medical Center complex.



The neutron therapy room is contained within concrete walls four to six feet thick.



Soft colors and lighting help make the environment less stressful for patients.

create a pleasant orientation space for patients and staff. Carpeting, soft colors and diverse lighting also help make the environment less stressful for patients.

The entrance to the cyclotron is protected by two vertically rising concrete radiation shielding doors with very close dimensional tolerances weighing approximately 60,000 pounds each. The cycle time for opening and closing the door is approximately 20 seconds.

The true beauty of the technology is the affect it has on patients and staff. Patients don't have to travel through a maze to reach the cyclotron. At the press of a button, the door opens and patients can be pushed straight

continues

The skylit interior courtyards help to create a pleasant orientation space for patients and staff.

"When dealing in large building projects, insufficient information can lead to costly mistakes."

John Carroll
Vice President Construction Programs
University Hospitals of Cleveland

As vice president of construction programs for University Hospitals in Cleveland, Mr. John Carroll must constantly strive to improve his understanding of the design for the hospital's $152 million Acute Care Facilities project.

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into the machine. Bringing patients and staff closer together during treatment not only improves efficiency but also enhances interpersonal relationships.

The ROC expansion is below a pedestrian plaza. Site improvements include seeding, sodding, landscaping and special planting areas. The garden has become a focal point for the entire staff at the Detroit Medical Center.

The Detroit Medical Center is the major clinical site for one of the National Cancer Institute's 24 comprehensive care centers. The addition of the Gershenson Radiation Oncology Center to the DMC will further enhance Harper Hospital's reputation as one of the nation's leading cancer centers.

Good design and engineering is indeed good medicine at the Gershenson Radiation Oncology Center. ▼

Project: Gershenson Radiation Oncology Center
Harper Hospital
Detroit, Michigan

Architect & Engineer: Smith, Hinchman & Grylls Associates, Inc.
Detroit, Michigan

Contractor: Barton-Malow
Detroit, Michigan

Photography: Paul Bednarski

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Behind every issue of PLACE are PLACEMAKERS! But where are they located? Who do I call? What is their specialty? The editors of PLACE are happy, once again, to include the PLACEMAKERS DIRECTORY in this fall issue of PLACE magazine.

This easy to use directory features an alphabetical listing of firms with location, specialty of practice and a contact architect with whom to discuss your project. It is compiled as a resource for clients and other members of the building team in need of architectural service.

Participating firms are AIA Michigan members who support PLACE magazine with their projects, ideas and dollars. So take a look and find the firm best suited to your project! We are confident that it's there! For more information, dont hesitate to contact:

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313-474-3357 Fax

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This is the first edition of the new PLACEMAKERS CONSULTANT DIRECTORY. It will be joining the PLACEMAKERS DIRECTORY on a yearly basis and, as its name implies, will include consulting firms, their specialties and contact persons. PLACE magazine will distribute this directory at no cost to those who request it. For more information, including a request to purchase listings in future issues, call 313/965-4100. AIA Michigan welcomes your suggestions.

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Models

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Mark S. Melchi

Parking Consultants

Professional Engineering Associates, Inc.
Joseph M. Muller, V.P.
Carl Walker Engineers, Inc.
Gary L. Cudney, P.E.
Walker Parking Consultants/ Engineers, Inc.
Wayland D. Ingersoll, Jr.

Photography

Balthazar Korab Ltd. Photography
Balthazar Korab
Glen Calvin Moon
Glen C. Moon
Beth Singer Photographer Inc.
Beth Singer/Sara Paulsen

Planning

Professional Engineering Associates, Inc.
Joseph M. Muller, V.P.

Renderings

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Mark S. Melchi
Rochon Associates, Incorporated
Richard Rochon

Structural Engineering

Robert Darvas Associates P.C.
Kenneth J. Winters
Jay Desai Consulting Engineers, Inc.
Jay Desai
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Alfred Lopez

Value Engineering

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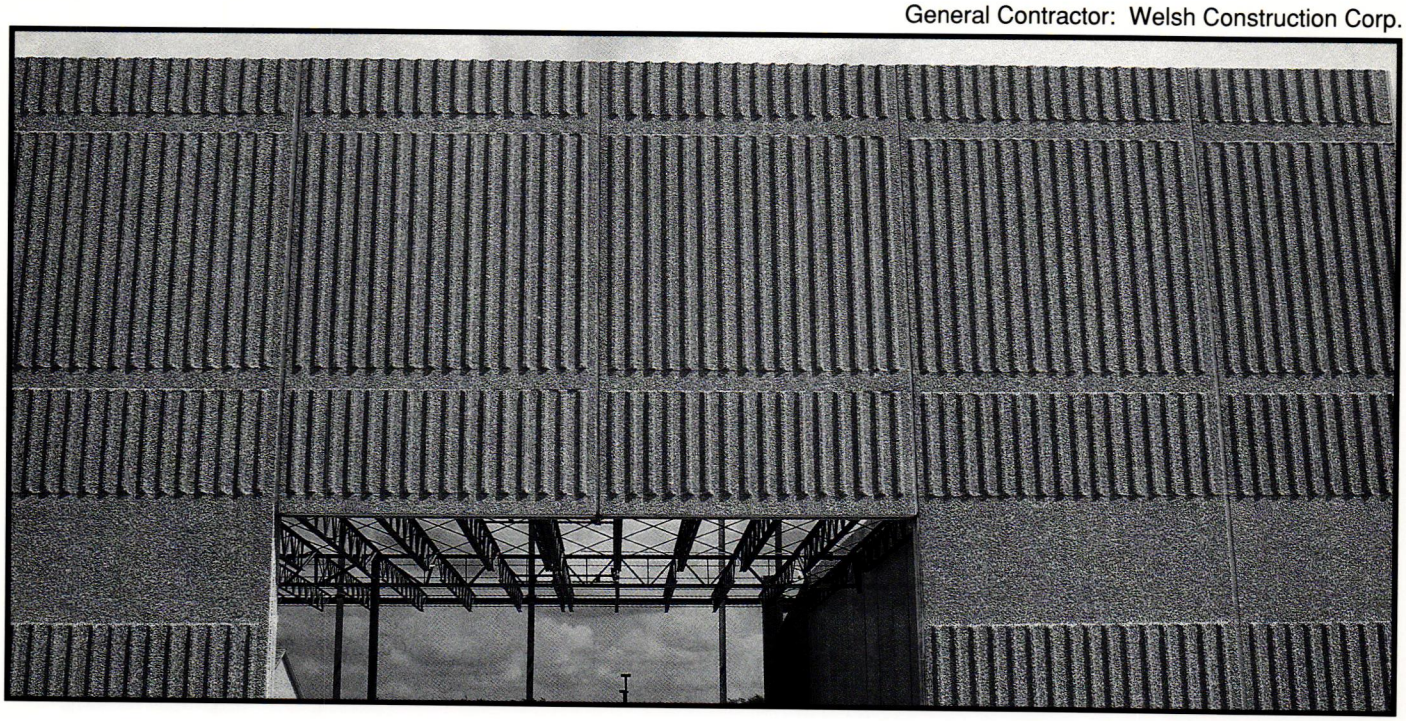
Wetlands

Raymond J. Donnelly & Assoc., Inc.
Ray Donnelly
Johnson, Johnson & Roy Inc.
Don Tilton, PH.D.
Vilican-Leman & Associates, Inc.
Larry DeBrincat

General Contractor: Welsh Construction Corp.



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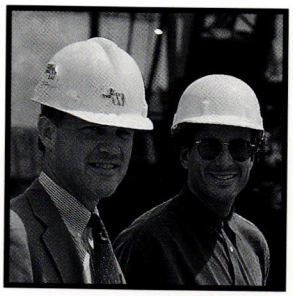
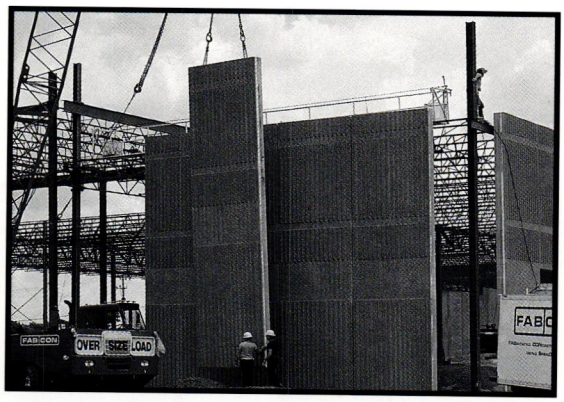
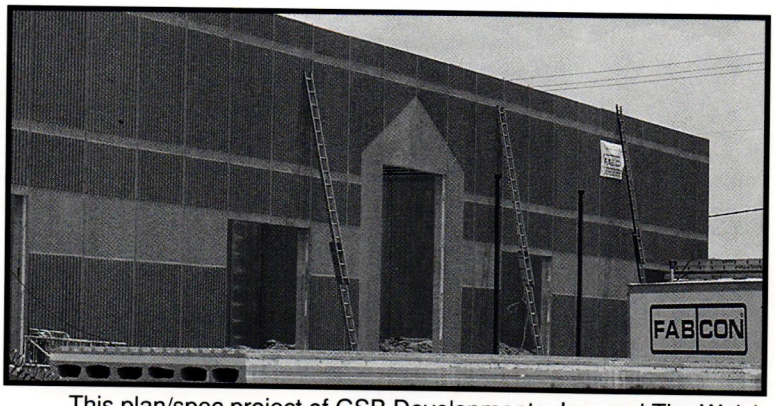


Paul Dunn (left), The Welsh Companies and Jerry Portnoy, GSB Developments, frequently inspected the work site for Park Place Shopping Center Partners, a joint venture of the two firms.



Even though the Fabcon precast prestressed insulated concrete wall panels for this project are over 40' tall, the multi-banded design is incredibly precise. Achieving such notable results required careful control at every stage, from design through production and erection.



This plan/spec project of GSB Developments, Inc. and The Welsh Companies, Inc., features pale red exposed aggregate uniform rib panels with incised bands that visually unify the building. It is the fifth Fabcon building to be used as a Levitz Showroom.

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At night, the entrance canopy becomes a lighted beacon for the center.

HIGH TECH HEALING

Challenged by Providence Hospital, Albert Kahn & Associates approached the clients' project goals and agenda of establishing the hospital and its staff as the leading provider of health care services in the area by creating a facility which is the focal point for health care and social resources for the surrounding communities and which is adaptable to growth and change.

The facility was designed with a clear vision toward future planned campus expansion.

AKA developed the master plan for this new health care campus in three phases: Phase I - Physician's Medical Office Building (MOB) and Ambulatory Diagnostic and Treatment Center (AD&T) (recently completed); Phase II - Complete inpatient hospital and diagnostic facility, approximately 200 beds; and Phase III - Long Term Care Facility.

Phase I, completed in June of 1992, has a total of 135,000 square feet with a construction cost of $23,000,000. It includes a two-story, 90,000-square-foot, futuristic Medical Office Building (MOB) for 32 physicians as well as a 45,000-square-foot Ambulatory Diagnostic and Treatment Center (AD&T). The AD&T includes 24-hour Emergency services, complete Radiographic Imaging services, Clinical Laboratory services, Physical Medicine and Rehabilitation services, Pulmonary and Cardiographic Testing, Ambulatory Surgery Center, Women's Health services, a retail Pharmacy and food services. Special procedures equipment is incorporated into the AD&T center, including Radiology

equipment for general radiology, fluoroscopy, ultrasound, nuclear medicine and C.T. Scan procedures.

The selected site was a 141 acre 18-hole public golf course, with six ponds and sections of large wooded areas. The natural features of the site needed to be preserved and utilized or enhanced to provide a unique environment and experience for patients, visitors and staff. The presence of the golf course and extensive regulated water courses, wetlands and woodlands provided amenities to work with as well as challenging design parameters.

The design of this state-of-the-art facility establishes a strong, appealing image for Providence Hospital and its affiliated medical staff and provides vital services to area and surrounding residents in this growing northern Detroit suburb. The facility was designed with a clear vision toward future planned campus

continues

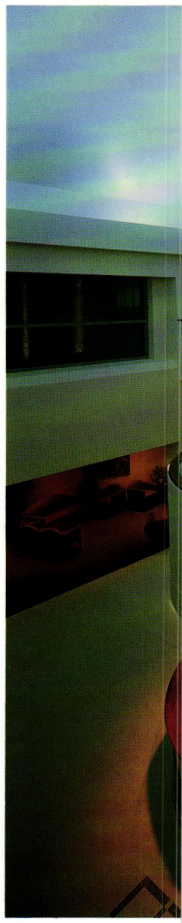
The entrance canopy provides a sunny, friendly entrance element.

Landscaping and "soft" forms combine to make the massing of the large structure comfortable to patients.

expansion in terms of both function, image/aesthetics, as well as incorporation of a central campus energy center. The corner stone from the original Providence Hospital in Detroit from the early 1900s was saved and used as a "time capsule" and symbol on this project.

A primary challenge was designing the MOB so it would provide access to and support from the AD&T Center, as well as providing for future growth and change. The layout contributes to improved patient care since all diagnostic facilities are accessible to the MOB patients.

The solution was a layout which was functional, yet created a feeling of comfort for the patient. The result was a two-story atrium lobby with an exterior skylight canopy shared by the MOB and AD&T. The canopy provides for convenient, covered patient drop off. The facility includes shared public services including staffed lobby reception, registration, cashier, public restrooms on each floor and stretcher-sized elevators. All floors between the MOB and AD&T align, allowing ease of patient transport and convenient physician access from the MOB to the AD&T Center, as well as an inpatient care facility planned for the future.



The spacious, two-story, atrium lobby is shared by both the MOB and the AD&T.

Providence Medical Center-Providence Park truly represents the healthcare campus focusing on the future with its modern facilities, its state-of-the-art technology, and its flexibility and adaptability to growth and change. ▼

Project; Providence Medical Center, Providence Hospital Novi, Michigan
Architect & Engineer: Albert Kahn Associates, Inc. Detroit, Michigan
Landscape Architect; John Grissim & Associates, Inc. Farmington Hills, Michigan
Food Service Consultant: E.F. Whitney, Inc. Birmingham, Michigan
Construction Manager: George Auch Co. Pontiac, Michigan
Photography: Laszlo Regos

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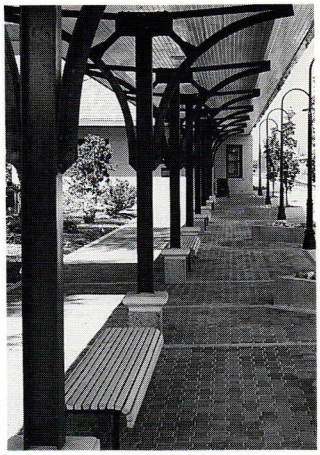

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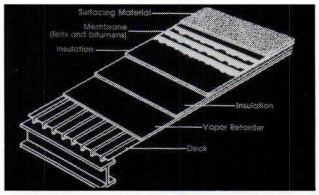

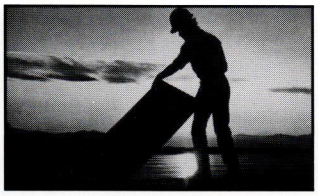

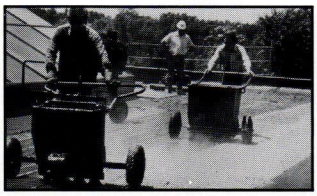

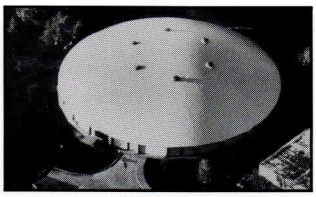

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COMMUNITY CARE

Peachwood Inn and Shelby Nursing Center were developed to create a residential care facility that would offer seniors a high quality of life by meeting their psychological and emotional needs as well as their physical needs. In addition, their intent was to develop a "living environment which would encourage the residents' perceptions of themselves as independent and healthy members of their community.

Evolving from this holistic approach to senior care, these designs establish a strong sense of community while recognizing the need for individual choice and family participation. Through their design programs and management, they combine the best of care from the long-term care industry with the hospitality and warmth of the hotel industry. According to a member of the National Association of Senior Living Industries, "Peachwood Inn makes nursing homes, as we know them today, an obsolete concept."

An inviting village of residential forms, Peachwood welcomes dignity and activity.

Peachwood Inn Nursing Center & Borden Court Home for the Aged

Peachwood's design encourages seniors to take an active role in their own care and maintain a normal lifestyle. The focus of the design was on creating a living environment that the residents can call home.

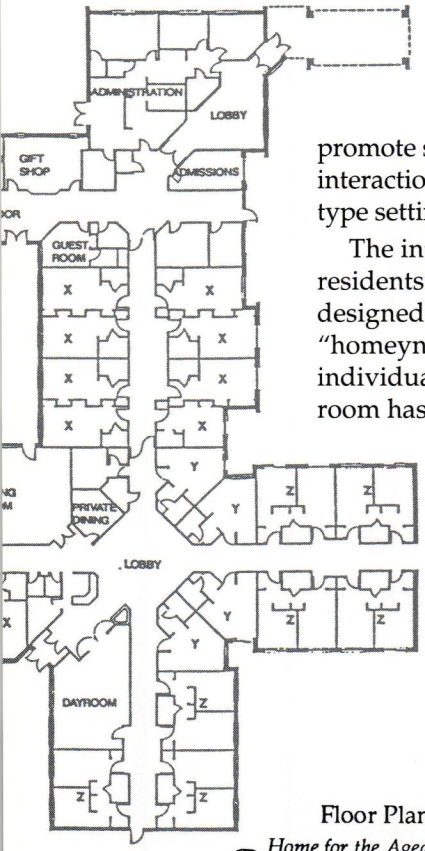
Its design concept focused on creating a

home-like community environment for its residents. To achieve this goal, a "village" community was created for the residents through the use of traditional brick and human-scaled design elements such as gables, bay windows and chimneys. Additionally, the facility is organized into four well-defined neighborhoods, each with its own courtyard featuring distinctive landscaping and seating.

Inside the building, the concept of community is reinforced. Instead of long corridors, there are "streets" branching off of each nursing station that consists of clusters of 8 to 12 rooms. Within these four neighborhoods are individual dining, activity and day rooms, offering a choice of inviting places to gather. Transitional-style furnishings were selected for these rooms to appeal to the many tastes of the residents. Setbacks throughout the neighborhoods are designed to promote social and family interaction in a living room type setting.

The interiors of the residents' rooms were designed with "homeyness" and individuality in mind. Each room has a private bath, picture window seat and small refrigerator; some have parlors. To promote individual

continues



Floor Plan
Home for the Aged

The interior design emphasizes warm tones, reduction of glare and a homey atmosphere.

Natural light floods Picadilly Lane as it connects the "neighborhoods" and offers services to the "community."

Residents can treat themselves and family to an evening at the Bugatti Bar and Bistro Restaurant.

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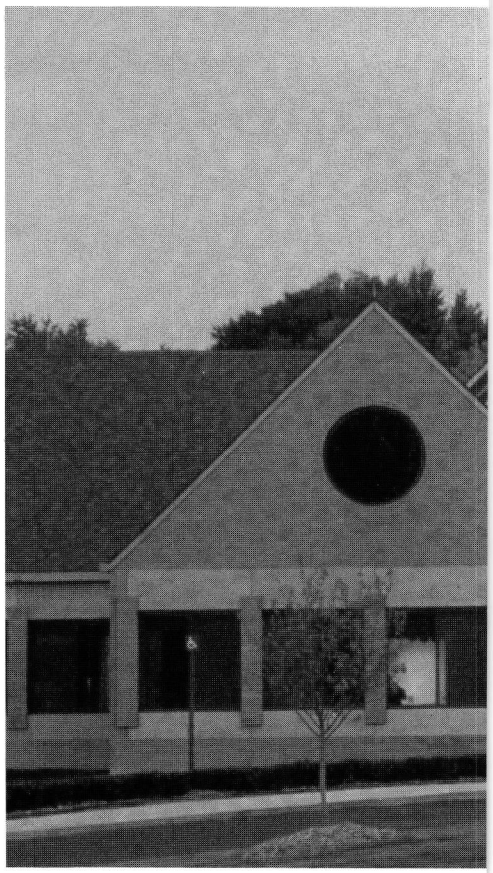
choice, residents are encouraged to add their personal touch to the decor with their own furniture and artwork. The individual styling reinforces the concept that the resident is deserving of space that can reflect his or her own personality.

Picadilly Lane, a unique skylit "Main Street," further strengthens the community concept while offering a variety of activity options for residents and their guests. It includes a movie theatre, ice cream parlor, gift shop and hair salon. At the end of Picadilly Lane is the Bugatti Bar and Bistro Restaurant, outside of which is parked a replica of a 1927 Bugatti Roadster. Visiting chefs provide a changing menu for the intimate restaurant and residents can host their own dinner parties here. Picadilly Lane's pub, Tavern on the Green, features stained glass windows, a Wurlitzer jukebox and an antique fireplace. It also offers happy hours and wine and cheese tasters for those residents with medical approval.



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Shelby Nursing Center

At Shelby Nursing Center, the program required that 236 patients be accommodated in one- and two-bed rooms on one level. Nursing stations had to have optimum visual control of corridors with no room more remote than 80 feet from a nurses' station. Patient care varies from short-term intensive care to long-term intermediate care.

The goal of the design was to allow the most efficient care within a setting that provides dignity, privacy and interest for both the patients and their visitors.

Like Peachwood, the building is divided into four wings, each controlled by a central nursing station with an adjacent patient lounge. The focus of the complex is a 5,000-square-foot central room which is divided by columns and ceiling height

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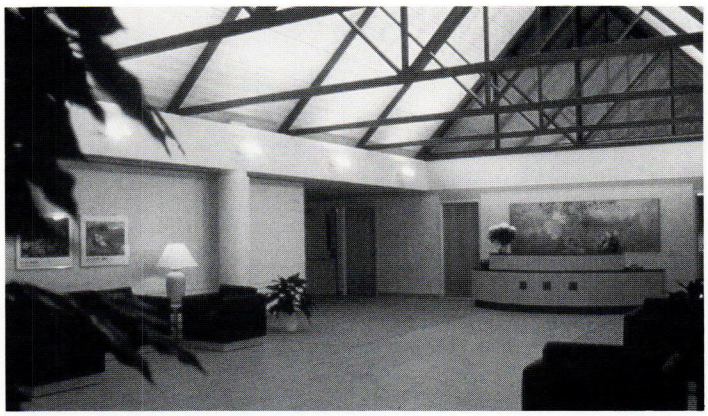
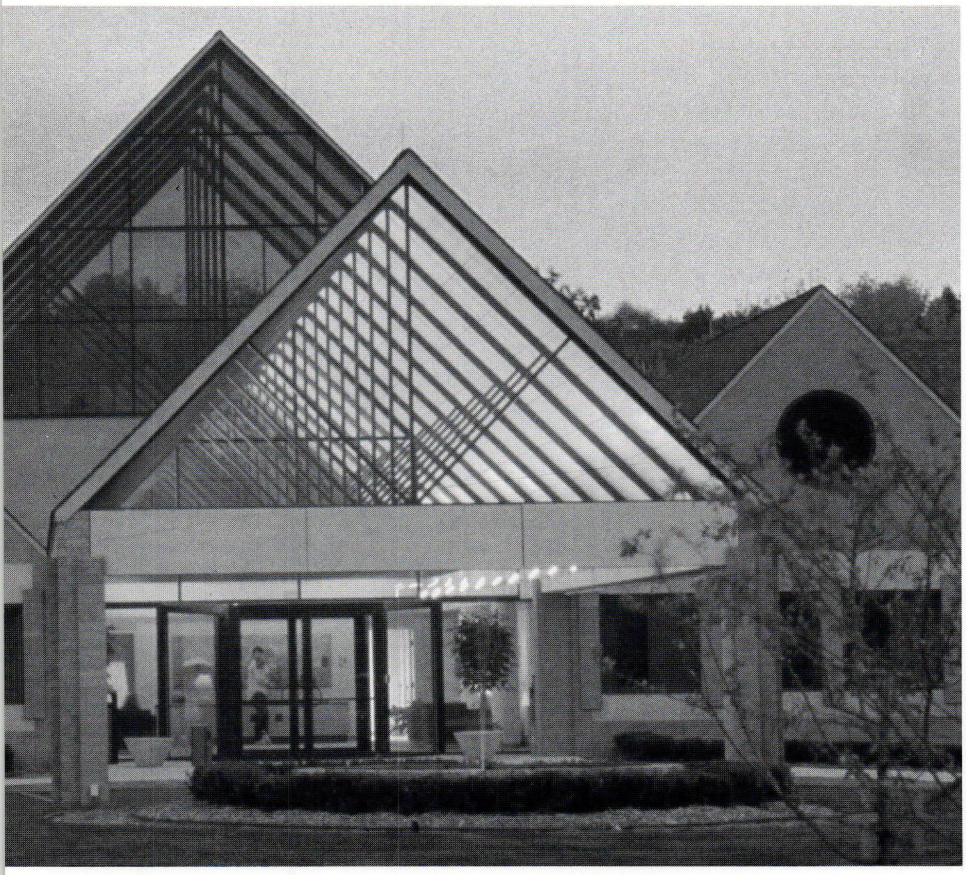
The spacious lobby greets visitors and residents alike.



Warm, residential and welcoming, the Shelby Nursing Center is human-scaled in its design.



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Residents love the sunlight and artwork filled dining room which provides a social focus for the center.

into dining and lounge areas. Within this central space are "shops" which offer services to patients and visitors as well as creating the visual excitement of a tiny "downtown": a snack shop, a pub, a gift shop and an ice cream parlor. Opening off each side of the central dining/lounge area are two 75-foot-square landscaped courtyards. All corridors contain widened "rest stops" which double as social areas. All four wings of the building are expandable. Physical therapy, occupational therapy and a beauty/barber shop are important patient services.

Perhaps the most evident characteristics of Peachwood Inn and Shelby Nursing Center is that the residents are able to maintain their sense of dignity, even in a long-term care setting. Residents can take pride in their new home. They can live a private, independent life while being given the best care, and they can continue to be vital, contributing members of their community. ▼

Project: Peachwood Inn Nursing Center & Borden Court Home for the Aged
Rochester Hills, Michigan
Architect, Interiors & Landscape: Hobbs + Black Associates, Inc.
Ann Arbor, Michigan
Structural Engineer: Ehlert/Bryan, Inc.
Southfield, Michigan
Mechanical & Electrical Engineers: Dunaj & Schlitt Associates
Pontiac, Michigan
Contractor: Fairview Construction, Inc.
Auburn Hills, Michigan
Photography: Beth Singer

Project: Shelby Nursing Center
Shelby Township, Michigan
Architect: Edmund London & Associates, Inc.
Southfield, Michigan
Civil Engineering: Nowak & Frans
Royal Oak, Michigan
Structural Engineering: LBA, Inc.
Southfield, Michigan
Mechanical/Electrical Engineering: SWS Engineering, Inc.
Bingham Farms,Michigan
Landscape Architect: David ReaganAssociates
Farmington, Michigan
Construction Manager: Holtzman & Sliverman Construction Co.
Farmington Hills, Michigan
Photography: Larry Dale

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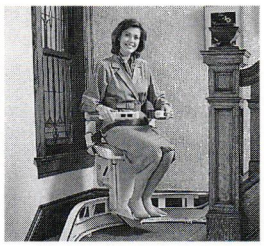

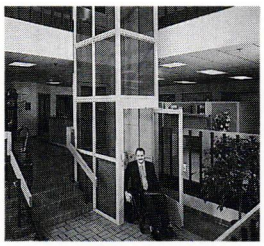

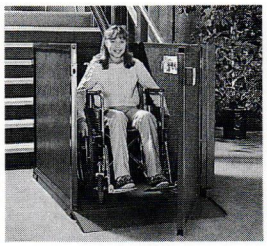

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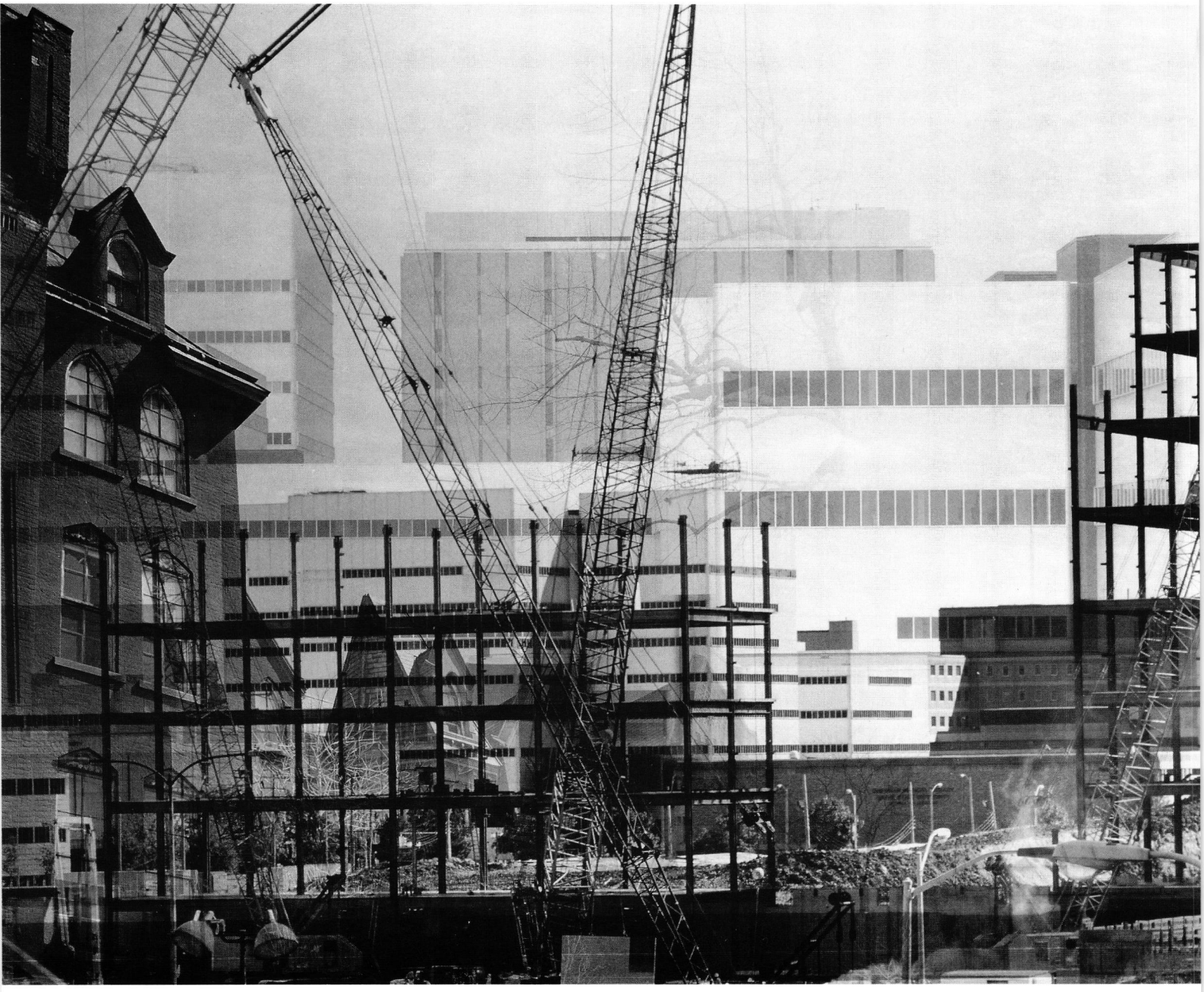
The Detroit Medical Center

By Balthazar Korab



The composite is printed from images spanning thirty years.

The old Harper Hospital, 1962.

The Detroit Receiving Hospital by William Kessler, 1979.

Construction site of the VA Medical Center and replacement hospital by Smith, Hinchman & Grylls, 1992.

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